



*The University Of*

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# **The University of Tampa Catalog**

**2022-2023**

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# UT Catalog 2022-2023

Welcome to The University of Tampa's 2022-2023 online catalog. Here you'll find program and course descriptions, academic policies and more. Use the search box or contents menu for easy navigation.

<b>Areas of Study</b>	<b>Major</b>	<b>Pre-Professional</b>	<b>Minor</b>	<b>Concentration</b>	<b>Certificate</b>	<b>College</b>	<b>Department</b>
<b>Accounting</b>	B.S.		•		•	COB	ACCT
<b>Actuarial Science</b>	B.S.					CSSME	MATH
<b>Advertising</b>			•			CAL	COMM
<b>Advertising and Public Relations</b>	B.A.					CAL	COMM
<b>Advertising and Public Relations–Advertising Creative</b>				•		CAL	COMM
<b>Advertising and Public Relations–General</b>				•		CAL	COMM
<b>Advertising and Public Relations–Public Relations</b>				•		CAL	COMM
<b>Aerospace Studies</b>			•				MILI
<b>Allied Health</b>	B.S.					CNHS	HSHP
<b>Allied Health–Medical Sciences</b>				•		CNHS	HSHP
<b>Allied Health–Occupational Therapy Sciences</b>				•		CNHS	HSHP
<b>Allied Health–Physical Therapy Sciences</b>				•		CNHS	HSHP
<b>Animation</b>	BFA		•			CAL	FMX
<b>Applied Linguistics</b>			•			CAL	LANG
<b>Art</b>	BFA					CAL	ART
<b>Art Therapy</b>	B.A.		•	•		CAL	ART

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Asian Studies</b>			•			CAL/CSSME	HSGL /PHRE
<b>Biochemistry</b>	B.A./B.S.			•		CNHS	CHPH
<b>Biology</b>	B.A./B.S.		•			CNHS	BIOL
<b>Biology-Business</b>				•		CNHS	BIOL
<b>Biology-General</b>				•		CNHS	BIOL
<b>Biology-Molecular</b>				•		CNHS	BIOL
<b>Biology-Organismal/Evolutionary</b>				•		CNHS	BIOL
<b>Biology-Pre-Professional</b>		•		•		CNHS	BIOL
<b>Business Administration</b>			•		•	COB	
<b>Business Analytics</b>			•			COB	ITM
<b>Business Information Technology</b>	B.S.					COB	ITM
<b>Chemistry</b>	B.A./B.S.		•			CNHS	CHPH
<b>Cinema Studies</b>			•			CAL	COMM
<b>Communication</b>			•			CAL	COMM
<b>Communication, Media and Culture</b>	B.A.					CAL	COMM
<b>Communication and Speech Studies</b>	B.A.					CAL	COMM
<b>Computer Science</b>	B.S.		•			CSSME	CSC
<b>Criminal Investigation</b>			•			CSSME	CRIM
<b>Criminology and Criminal Justice</b>	B.S.		•			CSSME	CRIM

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Cybersecurity</b>	B.S.		•			COB	ITM
<b>Dance</b>	B.A.		•			CAL	THDA
<b>Dance/Theatre</b>			•			CAL	THDA
<b>Data Science</b>	B.S.					CSSME	MATH
<b>Design</b>	B.A.					CAL	ART
<b>Digital Media</b>			•			CAL	FMX
<b>Economics</b>	B.A./B.S.		•			COB	ECON
<b>Education–Elementary (K-6)</b>	B.S.					CSSME	EDUC
<b>Education–Secondary Biology</b>	B.S.					CSSME	EDUC
<b>Education–Secondary Mathematics</b>	B.S.					CSSME	EDUC
<b>Education–Secondary Social Science</b>	B.S.					CSSME	EDUC
<b>English</b>	B.A.		•			CAL	ENWR
<b>Entrepreneurship</b>	B.S.		•			COB	MGMT
<b>Environmental Studies</b>	B.A./B.S.		•			CNHS	ENS
<b>Environmental Studies--Communication</b>				•		CNHS	ENS
<b>Environmental Studies--Humanity and Geography</b>				•		CNHS	ENS
<b>Environmental Studies--Natural Sciences</b>				•		CNHS	ENS
<b>Environmental Studies--Public Policy</b>				•		CNHS	ENS

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Exercise Science and Sport Studies</b>			•			CNHS	HSHP
<b>Film and Media Arts</b>	BFA/B.A.		•			CAL	FMX
<b>Finance</b>	B.S.		•			COB	FINA
<b>Financial Enterprise Systems</b>	B.S.		•			COB	ITM
<b>Forensic Science</b>	B.S.					CNHS/CSSME	CHPH /CRIM
<b>French</b>			•			CAL	LANG
<b>Geography</b>			•			CSSME	HSGL
<b>Graphic Design</b>	BFA					CAL	ART
<b>History</b>	B.A.		•			CSSME	HSGL
<b>History–American History and Law</b>				•		CSSME	HSGL
<b>History–Global History and Culture</b>				•		CSSME	HSGL
<b>Human Performance</b>	B.S.					CNHS	HSHP
<b>Human Performance–Exercise and Recreation Leadership</b>				•		CNHS	HSHP
<b>Human Performance–Exercise Physiology</b>				•		CNHS	HSHP
<b>Interactive Media</b>			•			CAL	FMX
<b>International Business–Accounting</b>	B.S.					COB	ACCT
<b>International Business–Economics</b>	B.S.					COB	ECON

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>International Business-Entrepreneurship</b>	B.S.					COB	MGMT
<b>International Business-Finance</b>	B.S.					COB	FINA
<b>International Business-Management</b>	B.S.					COB	MGMT
<b>International Business-Management Information Systems</b>	B.S.					COB	ITM
<b>International Business-Marketing</b>	B.S.					COB	MRKT
<b>International Studies</b>	B.A.		•		•	CSSME	PSIS
<b>Journalism</b>	B.A.		•			CAL	COMM
<b>Latin American Studies</b>			•			CAL	LANG
<b>Law, Justice and Advocacy</b>			•			CSSME	HSGL
<b>Leadership Studies</b>			•				
<b>Liberal Studies</b>	BLS						
<b>Liberal Studies-Applied Arts</b>				•			
<b>Liberal Studies-Community Safety</b>				•			
<b>Liberal Studies-Community Wellness</b>				•			
<b>Liberal Studies-Humanities</b>				•			
<b>Liberal Studies-Instructional Support</b>				•			

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Liberal Studies–Public Information</b>				•			
<b>Liberal Studies–Social Science</b>				•			
<b>Management</b>	B.S.					COB	MGMT
<b>Management Information Systems</b>	B.S.		•			COB	ITM
<b>Marine Chemistry</b>	B.S.					CNHS	CHPH
<b>Marine Science–Biology</b>	B.S.		•			CNHS	BIOL
<b>Marketing</b>	B.S.		•			COB	MRKT
<b>Mathematics</b>	B.S.		•			CSSME	MATH
<b>Mathematics with Computer Science</b>	B.S.		•			CSSME	MATH
<b>Museum Studies</b>	B.A.					CAL	ART
<b>Music</b>	B.A.		•			CAL	MUSI
<b>Music Education (K-12)</b>	B.M.					CAL	MUSI
<b>Music Performance</b>	B.M.					CAL	MUSI
<b>Musical Theatre</b>	BFA					CAL	THDA
<b>Naval Science</b>			•				MILI
<b>New Media</b>	BFA		•			CAL	FMX
<b>Nursing</b>	BSN					CNHS	NURS
<b>Philosophy</b>	B.A.		•			CAL	PHRE
<b>Physics</b>	B.A./B.S.		•			CNHS	CHPH



	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Political Science</b>	B.A.		•	•		CSSME	PSIS
<b>Pre-Dentistry</b>		•				CNHS	
<b>Pre-Law</b>		•				CSSME	HSGL
<b>Pre-Medicine</b>		•				CNHS	
<b>Pre-Veterinary Science</b>		•				CNHS	
<b>Professional Education</b>			•			CSSME	EDUC
<b>Professional Selling</b>			•			COB	MRKT
<b>Professional and Technical Writing</b>			•			CAL	ENWR
<b>Psychology</b>	B.A./B.S.					CSSME	PSYC
<b>Public Health</b>	B.S.					CNHS	HSHP
<b>Public Health–Health Promotion and Practice</b>				•		CNHS	HSHP
<b>Public Relations</b>			•			CAL	COMM
<b>Recreation</b>			•			CNHS	HSHP
<b>Sociology (Applied)</b>	B.A./B.S.		•			CSSME	HSGL
<b>Spanish</b>	B.A.		•			CAL	LANG
<b>Speech Studies</b>			•			CAL	COMM
<b>Speech/Theatre</b>			•			CAL	COMM
<b>Sport Management</b>	B.S.		•			CNHS	SPM
<b>Sustainability</b>			•			CNHS	
<b>Teaching English as Second Language</b>					•	CAL	ENWR

	Major	Pre-Professional	Minor	Concentration	Certificate	College	Department
<b>Theatre</b>	B.A.					CAL	THDA
<b>Visual Arts</b>	B.A.					CAL	ART
<b>Women's and Gender Studies</b>			•			CAL	
<b>Writing</b>	B.A.		•			CAL	ENWR

<b>Graduate Areas of Study</b>	<b>Master's</b>	<b>Concentration</b>	<b>Certificate</b>	<b>Doctorate</b>
<b>Business</b>				
4+1 MBA (combined B.S. and MBA)	•			
4+1 M.S. in Accounting (combined B.S. and M.S.)	•			
4+1 M.S. in Marketing (combined B.S. and M.S.)	•			
Master of Business Administration	•			
Accounting		•		
Business Analytics		•		
Cybersecurity		•		
Entrepreneurship		•		
Finance		•		
Information Systems Management		•		
International Business		•		
Marketing		•		
Nonprofit Management		•	•	
Executive Doctor of Business Administration				•
Executive Master of Business Administration	•			
Professional Master of Business Administration	•			
Master of Science in Accounting	•			

Accounting Analytics			•	
Assurance Services			•	
Taxation			•	
Master of Science in Business Analytics	•		•	
Master of Science in Cybersecurity	•		•	
Master of Science in Entrepreneurship	•		•	
Master of Science in Finance	•			
Master of Science in Information and Technology Management	•			
Master of Science in Marketing	•			
Effective Project Management			•	
Predictive Analytics			•	
Predictive Analytics			•	
<b>Communication</b>				
Master of Arts in Professional Communication	•			
Master of Arts in Social and Emerging Media Accelerated Program (combined B.A. and M.A.)	•			
Master of Arts in Social and Emerging Media	•			
<b>Criminology and Criminal Justice</b>				

4+1 M.S. in Criminology and Criminal Justice (combined B.S. and M.S.)	•			
Master of Science in Criminology and Criminal Justice	•			
<b>Education</b>				
4+1 M.Ed. (combined B.S. and M.Ed.)	•			
Master of Education in Curriculum and Instruction	•			
Master of Education in Educational Leadership	•			
4+1 M.S. in Instructional Design and Technology (combined B.A. and M.S.)	•			
Master of Science in Instructional Design and Technology	•			
Online Development			•	
<b>Health and Exercise Sciences</b>				
Doctor of Nursing Practice				•
Master of Physician Assistant Medicine	•			
Master of Science in Athletic Training	•			
Master of Science in Exercise and Nutrition Science	•			
Master of Science in Nursing	•			
Adult/Gerontology Primary Care Nurse Practitioner		•		
Family Nurse Practitioner		•		
Sports Nutrition			•	

## Academic Departments

College	Abbreviation	Department
<b>College of Arts and Letters</b>	CAL	Art and Design
		Communication
		English and Writing
		Film, Animation and New Media
		Languages and Linguistics
		Music
		Philosophy and Religion
		Theatre and Dance
<b>Sykes College of Business</b>	COB	Accounting
		Economics
		Finance
		Information and Technology Management
		Management and Entrepreneurship
		Marketing

**College of Natural and Health Sciences**

CNHS

Biology

Chemistry, Biochemistry and Physics

Environmental Studies

Health Sciences and Human Performance

Nursing

Physician Assistant Medicine

Sport Management

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**College of Social Sciences, Mathematics and Education**

CSSME

Computer Science

Criminology and Criminal Justice

Education

History, Sociology, Geography and Legal Studies

Mathematics

Political Science and International Studies

Psychology

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**Alphabetical Listing of Departments**

ACCT	Accounting	ITM	Information and Technology Management
ART	Art and Design	LANG	Languages and Linguistics
BIOL	Biology	MGMT	Management and Entrepreneurship
CHPH	Chemistry, Biochemistry and Physics	MRKT	Marketing
COMM	Communication	MATH	Mathematics
CSC	Computer Science	MILI	Military Science
CRIM	Criminology and Criminal Justice	MUSI	Music
ECON	Economics	NURS	Nursing
EDUC	Education	PHRE	Philosophy and Religion
ENWR	English and Writing	PAM	Physician Assistant Medicine
ENS	Environmental Studies	PSIS	Political Science and International Studies
FINA	Finance	PSYC	Psychology
FMX	Film, Animation and New Media	SPM	Sport Management
HSHP	Health Sciences and Human Performance	THDA	Theatre and Dance
HSGL	History, Sociology, Geography and Legal Studies		



# Course Descriptions

Course designations: Art/Aesthetic (A); Humanities/Fine Arts (HFA); International Global Awareness (IG); Natural Science (NS); Non-Western (NW); Social Science (SS); Studio/Performance (ST); Writing Intensive (W).

## ACC - Accounting

### ACC 099 - Non-Credit Service Requirement for Accounting Majors (0)

All accounting majors must complete 30 hours of service. At least 30 days prior to graduation, accounting majors must submit the ACC 099 Class Registration form along with documentation of service hours to the department chair for approval. Acceptable documentation includes a co-curricular transcript issued by the Office of Student Leadership and Engagement, Beta Alpha Psi service hour documentation, Delta Sigma Phi service hour documentation, a letter from an officer of a service organization or other verifiable documents of service. The faculty member who is responsible for managing the service requirement will review the documents and submit a passing grade to the registrar for completion of the requirement.

Offered: fall and spring semesters.

### ACC 202 - Financial Accounting Information (4)

ACC 202 focuses on the external financial reporting of enterprises. The course examines the creation, flow and analysis of enterprise financial information, including the income statement, balance sheet, statement of retained earnings and cash flow statement in accordance with accepted accounting principles. Students conduct introductory Internet research on published company financial information.

Prerequisite: MAT 150 or equivalent. Corequisite: BAC 100. Offered: fall, spring, and summer semesters.

### ACC 203 - Managerial Accounting (4)

ACC 203 focuses on the concepts, systems, procedures and decision models that help managers analyze, interpret and improve business results. Managerial accounting encompasses various systems for calculating the cost of a product or service; tools for the evaluation of business segments; models for making decisions concerning a variety of special decisions; planning and budgeting for operations and capital items; and exposure to ethical norms and dilemmas in the context of accounting and finance. The course includes Excel spreadsheet applications.

Prerequisite: ACC 202, MAT 150 or higher (all COB majors are required to take MAT 225). Offered: fall, spring, and summer semesters.

### ACC 304 - Cost Accounting (4)

ACC 304 helps students apply cost accounting methods in a variety of organizational business settings by developing accounting information that is timely, relevant and useful for formulating strategy, making non-routine decisions and planning and controlling operations. Topics covered include cost accumulation, assignment and behavior; planning, budgeting, evaluating and controlling operations; and tactical decision-making. Students will apply a critical thinking framework to identify business issues and to organize, analyze, visualize, and communicate data to relevant parties.

Prerequisite: ACC 202 and ACC 203, MAT 160 (all COB majors are required to take MAT 225), QMB 210. Offered: fall and spring semesters.

### ACC 320 - Intermediate Accounting I (4)

This course expands the students' understanding of generally accepted accounting principles. The theory covered includes the FASB's conceptual framework, FASB codification of accounting standards, international financial reporting standards and the accounting process. This theoretical background is then applied to the preparation of financial statements and the use of time-value of money concepts to measure financial statement elements, revenue recognition and accounting for cash, receivables, inventories and long-term assets.

Prerequisite: MAT 160 (all COB majors are required to take MAT 225), BAC 100 and a grade of "C" or higher in ACC 202. Offered: fall and spring semesters.

### ACC 351 - Accounting Information Systems (4)

This course provides a practical study of information systems/technology for accountants. The course offers a working understanding of information systems functions/processes, software/technology, and control/security with an emphasis on contemporary accounting practice concerns and competencies. Emerging and prevailing issues/trends relating to information systems and supporting information technologies are also explored with consideration for evolving responsibilities of accounting practitioners in an IT-intensive business environment.

Prerequisite: ACC 202, ACC 203, ACC 320, ITM 220. Offered: fall and spring semesters.

### ACC 352 - Federal Taxation I (4)

ACC 352 covers the U.S. federal taxation system, concentrating on issues of individual taxation. There is significant emphasis on methods of taxation, tax procedure, tax jurisdictions, tax accounting methods, asset acquisition/disposition and technology in the taxation field. Formal and informal written assignments enhance student understanding of the impact of taxation to decision making. Students complete a

volunteer tax clinic during the spring term, requiring some evening or weekend commitment. Successful completion of the volunteer project partially fulfills the ACC 099 service requirement.

Distribution: (W). Prerequisite: ACC 202. Offered: only in the fall semester.

#### **ACC 401 - Auditing and Attestation (4)**

ACC 401 covers generally accepted auditing and attestation standards, professional ethics, auditing and attestation reporting requirements and objectives. The course includes topics on the auditing profession, audit reports, professional ethics, audit responsibilities and objectives, audit evidence, audit planning, materiality and risk, and other assurance and non-assurance services. Students will complete a series of formal and informal auditing-specific writing assignments to develop practical audit skills. The use of Excel at the intermediate level will be required to perform analytical review.

Distribution: (W). Prerequisite: ACC 320 and ACC 351, QMB 210. Corequisite: ACC 420. Offered: fall and spring semesters.

#### **ACC 420 - Intermediate Accounting II (4)**

ACC 420 expands the student's study of generally accepted accounting principles. The course covers the theory and methodology involved in accounting for investments, current liabilities, long-term debt, leases, deferred income taxes, pensions, stockholders' equity, earnings per share and accounting changes. The course also covers the preparation of the statement of cash flows and differences between US GAAP and IFRS.

Prerequisite: MAT 160 (all COB majors are required to take MAT 225), ITM 220 and a grade of "C" or higher in ACC 320. Offered: fall and spring semesters.

#### **ACC 490 - Accounting Internship (1-8)**

ACC 490 examines practical aspects of accounting through a paid accounting internship at a firm under supervision of faculty and firm representatives. This course may not be used to satisfy major requirements. It may be repeated for credit beyond 124 hours. Approval of the accounting department's internship coordinator is required.

Prerequisite: Junior or senior standing with at least a 2.25 overall GPA; completion of four accounting classes at or above the 300 level with a 3.0 average in those classes. Offered: fall, spring, and summer semesters.

#### **ACC 495 - Special Topics in Accounting (4)**

ACC 495 is offered at the discretion of the accounting department. Subject may focus on a topic of current interest in the field, training in a specific area of the field or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: Varies when offered.

#### **ACC 499 - Independent Study in Accounting (1-4)**

ACC 499 is a readings or independent studies course taken for variable credit. May not be used as an elective in the accounting major.

Prerequisite: Minimum 3.0 GPA, consent of the department chair and associate dean. Offered: as needed.

#### **ACC 500 - Essentials of Financial Accounting (2)**

For graduate students only. This course examines the accounting principles and techniques involved in the creation and interpretation of external accounting financial statements.

Prerequisite: Admission to the MBA program. . Corequisite: ACC 501. Offered: fall, spring and summer semesters.

#### **ACC 501 - Essentials of Managerial Accounting (2)**

For graduate students only. This course examines the accounting principles and techniques used by internal stakeholders to evaluate business performance and make short term decisions.

Prerequisite: Admission to the MBA program. Corequisite: ACC 500. Offered: fall, spring and summer semesters.

#### **ACC 502 - Auditing II (4)**

For undergraduates and graduates. This course is the second auditing course, focused on Statements on Standards for Attestation Engagements (SSAEs), the Statements on Standards for Accounting and Review Services (SSARSS), and the US and International Codes of Professional Conduct.

Prerequisite: ACC 401. Offered: summer only.

#### **ACC 553 - Federal Taxation II (4)**

For graduate students only. ACC 553 examines taxation of entities including corporations, partnerships, S-corporations, limited liability companies, tax-exempt organizations, estates, and trusts. Legal, ethical and responsible tax practice conducted utilizing available technology is addressed. Students complete a volunteer tax clinic requiring some evening or weekend commitment.

Prerequisite: ACC 352. Offered: spring only.

#### **ACC 610 - Accounting and Value Creation (4)**

For graduate students only. This course presents best practices and contemporary developments in Strategic Cost Management by focusing on how managers use cost information to create value and to align organizational functions and activities with strategic goals.

Prerequisite: ACC 500, FIN 500. Offered: fall, spring, and summer semesters.

#### **ACC 625 - Accounting Research and Analytics (4)**

ACC 625 incorporates research and data analytics as distinct, but interrelated skills. Foundational theories, methods, and applications of accounting research are covered in addition to techniques to plan, execute, and present quality research in written and oral form. A formal process for approaching data analytic projects, from planning, data mining, and ETL, to employing analytic techniques, visualizations, and summarizing and presenting findings is developed using generalized and applied examples. A variety of popular and/or emerging graphical- and coding-based analytic tools are employed.

Offered: fall and spring semesters.

#### **ACC 635 - Business Ethics and Corporate Governance (4)**

For graduate students only. ACC 635 exposes students to the background and nature of ethical decision-making from personal, professional and societal points of view. Students learn how to recognize ethical issues in business, to reason effectively using higher-order moral thinking skills, to identify the elements of good governance and to perform risk assessment from business and assurance perspectives. Topics include ethical decision-making, why ethical decision-making is important to professional careers in accounting, the role of an ethical culture in business within the context of corporate governance and how risk assessment aids professional accountants.

Offered: fall and summer semesters.

#### **ACC 637 - Information Systems Advisory and Assurance (4)**

For graduate students only. This course provides a pragmatic study of information systems (IS) advisory/assurance and its significance for contemporary accounting practice. The course offers a working understanding of information technology (IT) governance/management, IT threat analysis/risk management, IS process/resource control, IS security/asset protection, and IS audit processes/procedures with emphasis on accounting control/compliance concerns. Emerging and prevailing issues/trends are also explored with consideration for evolving responsibilities of accounting professionals in an IT-driven practice environment.

Prerequisite: ACC 351 or equivalent. Offered: spring semester.

#### **ACC 641 - Government and Not-for-Profit Accounting (4)**

For graduate students only. ACC 631 introduces the underlying accounting concepts, methods of accounting and financial statement preparation for state and local governments and other not-for-profit organizations such as charities, universities and colleges, and health care organizations. Accounting standards and

procedures for these types of organizations are significantly different from those of for-profit organizations, and this course provides the student with the ability to prepare, read, understand and analyze financial statements of not-for-profit entities.

Prerequisite: ACC 320. Offered: Offered semesters when there is ample demand.

#### **ACC 643 - Advanced Financial Accounting (4)**

ACC 643 covers several complex topics including business combinations, consolidations, foreign currency transactions, translation of foreign currency financial statements, hedging and derivatives, governmental and not-for-profit accounting.

Prerequisite: ACC 320 and ACC 420. Offered: fall and spring semesters.

#### **ACC 650 - Nonprofit Management: Financial Management (3)**

For graduate students only. ACC 650 develops financial and evaluation tools for nonprofit executives. It includes an overview of financial reporting guidelines and techniques; accounting methods, systems and special topics related to nonprofit organizations; cost behaviors, measurements and analysis; the budgeting process and preparation of budgets; use of financial statement analysis; and the roles of executive officers and directors in financial management and internal controls.

#### **ACC 651 - Advanced Management Accounting (4)**

For graduate students only. This course provides a pragmatic study of contemporary management accounting concepts, methods, and practices utilized to enable organizational strategy. The course offers a working understanding of strategic cost management, performance management, and management control by examining how managers make use of such practices to support organizational objectives and create value. Emerging and prevailing practice issues/trends are also explored with consideration for the evolving strategic responsibilities of management accounting professionals.

Prerequisite: ACC 304 or equivalent and admission to the graduate program. Offered: fall semester.

#### **ACC 654 - Federal Taxation III (4)**

For graduate students only. ACC 654 examines tax planning, capital asset taxation, tax planning for individuals/entities and personal financial advisory services. Research methods, tax databases and research analysis tools are developed through use of planning exercises. (summer only)

Prerequisite: ACC 553. Offered: summer semester.

#### **ACC 655 - Fraud Examination (4)**

For graduate students only. ACC 655 applies fraud examination methodology to the three major types of occupational fraud: corruption, asset misappropriation and fraudulent financial statements. Fraud examination is a methodology for resolving allegations of fraud from inception to disposition. This methodology covers

topics related to the prevention, detection and investigation of fraud.

Prerequisite: ACC 500. Offered: summer.

#### **ACC 657 - Advanced Financial Statement Analysis and Valuation (4)**

For Graduate students only. This course is about the decision usefulness of accounting information as it applies to a diverse group of financial statement users such as managers, auditors, creditors, consultants, and equity analysts. The course involves strategic analysis of businesses and industries, addresses assessment of accounting quality, distinguishing between operating drivers of value and non-operating items, teaches advanced financial statement analysis, basic forecasting, and valuation.

Prerequisite: Prerequisites: ACC320 or, ACC500 and ACC501 and FIN 611 . Offered: fall and spring semester.

#### **ACC 660 - International Accounting (4)**

For graduate students only. ACC 660 provides a pragmatic study on international accounting and reporting issues facing multinational corporations. Topics include worldwide accounting diversity, the international financial reporting standards (IFRS), foreign currency transactions and hedging exchange risks, translation of foreign currency financial statements and international transfer pricing.

Prerequisite: ACC 420. Offered: fall semester.

#### **ACC 680 - Contemporary Issues in Accounting (4)**

This course applies financial accounting theory to evaluate current and emerging issues relating to accounting constructs, policies, and professional practice. Specifically the course examines how the role of capital markets, compensation practices, debt covenants, and other economic factors influence accounting policy and accounting choices. Cases, research projects, and oral presentations support development of critical thinking and communication skills.

Prerequisite: At least 6 total earned hours in the MSA program. Offered: spring semester.

#### **ACC 690 - Internship (1-8)**

International students must consult with the Office of International Programs. May be used to satisfy practicum requirements.

Prerequisite: Approval by the Office of Graduate and Continuing Studies, college internship coordinator and associate dean. Offered: fall, spring and summer semesters.

#### **ACC 695 - Special Topics in Accounting (4)**

A course offered at the discretion of the accounting department. Subjects may focus on a topic of current interest in the field, training in a specific area of the field or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: Varies when offered.

#### **ACC 699 - Independent Study in Accounting (1-4)**

For graduate students only. Contemporary topics in accounting.

Prerequisite: Minimum 3.5 GPA, ACC 610, FIN 611 and written permission of the department chair. Offered: as needed.

### **AFR - Air Force ROTC**

#### **AFR 1101 - Heritage and Values Part I (1) (1)**

This course introduces the Air and Space Forces, encouraging students to pursue an AF career or seek additional information to be better informed about the role of the USAF. The course allows students to examine general aspects of the Department of the Air Force, leadership fundamentals, service benefits, and opportunities for officers. The course also lays the foundation for becoming an Air or Space professional by outlining our heritage and values. As a foundational course, AS100 also provides a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower (see the complete lesson list below). This course provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the military way of life and gain knowledge on what it means to be an Air or Space professional. A succinct perspective of the AS100 course objective is to *sell the AF as a career and lay a strong foundation built on AF Core Values.*

Offered: fall semester.

#### **AFR 1120 - Heritage and Values Part II (1) (1)**

This course further introduces the Air and Space Forces, encouraging students to pursue an AF career or seek additional information to be better informed about the role of the USAF. The course allows students to examine general aspects of the Department of the Air Force, leadership fundamentals, service benefits, and opportunities for officers. The course also lays the foundation for becoming an Air or Space professional by outlining our heritage and values. As a foundational course, AS100 also provides a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower (see the complete lesson list below). This course provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the military way of life and gain knowledge on what it means to be an Air or Space professional. A succinct perspective of the AS100 course objective is to *sell the AF as a career and lay a strong foundation built on AF Core Values.*

Offered: spring semester.

#### **AFR 2001 - Air Force Leadership Laboratory (0)**

Leadership Laboratory is required for each of the aerospace studies courses. It meets one hour and 45

minutes per week. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical, hands-on setting, which typically includes field trips to Air Force installations.

Offered: fall and spring semesters.

### **AFR 2130 - Team and Leadership Fundamentals Part I (1) (1)**

This course is designed to provide a fundamental understanding of both leadership and team building. It is imperative that cadets are taught from the beginning that there are many layers to leadership, including aspects that don't always jump to mind. Such things include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Students should demonstrate basic verbal and written communication skills. Cadets will apply these lessons at Field Training, which follows AS200.

Offered: fall semester.

### **AFR 2140 - Team and Leadership Fundamentals Part II (1) (1)**

This course is designed to continue the fundamental understanding of both leadership and team building. It is imperative that cadets are taught from the beginning that there are many layers to leadership, including aspects that don't always jump to mind. Such things include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Students should demonstrate basic verbal and written communication skills. Cadets will apply these lessons at Field Training, which follows AS200.

Offered: spring semester.

### **AFR 2940 - Basic Aerospace Internship (3)**

Internship credit is given to any student who successfully completes a two-week Field Training (FT) encampment. FT is a mandatory program for all individuals seeking an Air Force officer commission through AFROTC. The program is designed to develop military leadership and discipline, provide Air Force orientation and motivation, and determine potential for entry into the Professional Officer Course en route to a career as an Air Force officer. FT is conducted at Maxwell AFB, Montgomery, AL. FT attendance is selective based upon a national competitive boarding process and the needs of the Air Force — not all students are selected for FT. To successfully complete FT, the student must complete at

least 70 percent of the required training according to the Field Training syllabus, and not be absent from the FT encampment for more than 72 consecutive hours. The student also must pass the physical fitness test, attain a minimum 70 percent academic average and not be rated as "unsatisfactory" in any single performance factor block (sub-area) or receive an overall score of "unsatisfactory" on the AFROTC Form 70, Field Training Performance Report.

### **AFR 3220 - Leading People and Effective Communication Part I (3) (3)**

This course designed to build on the leadership fundamentals taught in AS200 and experienced at Field Training. The cadets will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. The goal is for cadets to have a more in-depth understanding of how to effectively lead people, and provide them with the tools to use throughout their detachment leadership roles. Secondly, cadets will hone their writing and briefing skills. Many of the cadets will be uncomfortable with public speaking, and this semester is designed to get them used to briefing. The second semester of AS300 is centered on leadership and ethics, and is mostly guided discussion. The goal here is to get cadets thinking about leadership through their own lens, and give them some tools to work on their leadership skills.

Offered: fall semester.

### **AFR 3231 - Leading People and Effective Communication Part II (3) (3)**

This course designed to continue building on the leadership fundamentals taught in AS200. The cadets will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. The goal is for cadets to have a more in-depth understanding of how to effectively lead people, and provide them with the tools to use throughout their detachment leadership roles. Secondly, cadets will hone their writing and briefing skills. Many of the cadets will be uncomfortable with public speaking, and this semester is designed to get them used to briefing. The second semester of AS300 is centered on leadership and ethics, and is mostly guided discussion. The goal here is to get cadets thinking about leadership through their own lens, and give them some tools to work on their leadership skills.

Offered: spring semester.

### **AFR 4201 - National Security, Leadership Responsibilities and Commissioning Preparation Part I (3) (3)**

The AS400 cadet should comprehend the basic elements of national security policy and process. The student should know basic Department of the Air Force operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession. Cadets should understand the responsibility, authority, and functions of a Department of the Air Force

commander and selected provisions of the military justice system.

Offered: fall semester.

### **AFR 4211 - National Security, Leadership Responsibilities and Commissioning Preparation Part II (3) (3)**

The AS400 cadet should comprehend the basic elements of national security policy and process. The student should know basic Department of the Air Force operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession. Cadets should understand the responsibility, authority, and functions of a Department of the Air Force commander and selected provisions of the military justice system. This final portion of the AS400 course is designed to prepare cadets for life as a second lieutenant. This is a great time for instructors to include any information they feel would help their cadets as they transition from civilian life to military life.

Offered: spring semester.

## **ARA - Arabic**

### **ARA 101 - Elementary Arabic I (4)**

Beginning Arabic with emphasis on the cultural context in which Arabic is used. Emphasis is on achieving a full mastery of Arabic sounds and the Arabic writing system, as well as basic proficiency in everyday conversational Arabic, including greetings and other common expressions.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Arabic. Students who have previously completed two or more years of Arabic may not enroll in ARA 101 for credit except by written permission of the instructor. Students cannot take ARA 101, 102, 201, and 202 concurrently. . Offered: Varies when offered.

### **ARA 102 - Elementary Arabic II (4)**

Beginning Arabic with emphasis on the cultural context in which Arabic is used. Emphasis is on achieving a full mastery of Arabic sounds and the Arabic writing system, as well as basic proficiency in everyday conversational Arabic, including greetings and other common expressions.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Arabic. ARA 101 or equivalent skills. (Students who have previously completed two or more years of Arabic may not enroll in ARA 101 for credit except by written permission of the instructor.) Students cannot take ARA 101, 102, 201, and 202 concurrently. . Offered: Varies when offered.

### **ARA 201 - Intermediate Arabic I (4)**

Develops a greater understanding of the Arabic language and the diversity of cultures in the Arabic-

speaking world, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Arabic. ARA 102 or equivalent skills. Students cannot take ARA 101, 102, 201, and 202 concurrently. . Offered: Varies when offered.

### **ARA 202 - Intermediate Arabic II (4)**

Develops a greater understanding of the Arabic language and the diversity of cultures in the Arabic-speaking world, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Arabic. ARA 102 or equivalent skills. Students cannot take ARA 101, 102, 201, and 202 concurrently. . Offered: Varies when offered.

## **ART - Art**

Four-credit studio courses meet six hours weekly. Courses are open to all students, regardless of major, unless otherwise indicated.

### **ART 101 - Form and Idea (4)**

A non-studio oriented course designed to increase an overall understanding of art. The course concentrates on the various social and historical factors that have affected art throughout time. Issues examined include why art is created; how it is used; how it affects us, collectively and individually; how it is formed; and the value it has for enriching our lives. May not be used to satisfy major or minor degree requirements in art.

Distribution: (A) (HFA) (IG). Offered: fall and spring semesters.

### **ART 102 - Foundations: Drawing (4)**

A studio/performance-oriented course that introduces traditional problems in drafting and pictorial organization. Involves development of pictorial form and space by line and value through a variety of media.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **ART 103 - Foundations: Materials & Methods (2)**

A studio / performance-oriented course that introduces materials and fabrication methods commonly used within a fine arts studio setting. Involves development of two and three-dimensional forms using a variety of media with the goal of familiarizing students with an array of artistic processes. A focus will be placed on safe and conscientious studio practices.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **ART 104 - Foundations: 2-D Design (4)**

A studio/performance-oriented course covering the fundamental principles of visual organization.

Emphasizes two-dimensional design and the use and theory of color.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 105 - Foundations: 3-D Design (4)**

A studio/performance-oriented course introducing the fundamental concepts of the visual elements; mass, volume, space, texture, light, time, color organized employing the principles of unity and variety, rhythm, balance, relative dominance, scale and proportion. Emphasis will be placed on the development of personalized concepts that explore technical and aesthetics considerations utilizing effective techniques and workmanship.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 110 - Foundations: Digital Arts (4)**

A studio/performance-oriented fine arts course that introduces digital tools for use in producing a variety of creative projects. This course covers the history, evolution, and theory of relevant technology and digital output methods specific to the field of art and design. Students will have the opportunity to use vinyl cutters, laser cutters, and 3D printers in order to provide context for the hardware and software used in the course. Emphasis is placed on 2D, 3D, and time-based processes. Laboratory fee required.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 199 - BFA Portfolio Development (1)**

A technical-based studio course designed to improve portfolio deficiencies in preparation for re-application for the BFA program and ART 299 Junior Portfolio Review. Prerequisite: Permission of Department Chair.

Prerequisite: Permission of Department Chair.

#### **ART 201 - Introduction to Painting (4)**

A technical-based studio course that introduces students to various aspects of oil painting, both representational and abstract. Emphasis is placed on color theory, perceptual training, and problem-solving.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 208 - Darkroom Photography (4)**

A studio/performance-oriented course offering an introduction to Black & White photography. Emphasis will be focused on darkroom techniques and developing one's own photographic style with a fine art approach to photography.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 209 - Figure Drawing (4)**

A studio/performance-oriented course that introduces problems in pictorial organization using the human figure and other organic forms as reference.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 218 - Digital Photography (4)**

This course gives students the necessary technical and aesthetic skills to make quality digital photographs while developing perception, creativity, visualization skills and a command of the medium including relevant software. Students will become proficient in digital media while maintaining an appreciation of the medium as a fine art and as a means of personal expression.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 225 - Art History Methods & Inquiry (4)**

This course introduces students to methods that support the types of critical and theoretical thinking, analysis, and research approaches necessary to guide academic and professional practice in art history and other scholarly disciplines. Students are trained to distinguish and locate relevant types of evidence, to apply varied methodological and theoretical approaches to that evidence, and to construct original and effective scholarly arguments.

Distribution: (A) (HFA) (W). Offered: fall/spring semester.

#### **ART 230 - Introduction to Art Therapy**

This is an introduction to art therapy that includes a historical overview, an examination of professional standards of practice, educational requirements, ethics, research and assessment. Provides an overview of art therapy's role in comparison to related professions and how art therapists can collaborate with related professionals. Students will explore the field of art therapy through a combination of scholarly discussion and direct engagement with art processes.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **ART 231 - Relief Printmaking**

A studio/performance-oriented course focusing on printmaking as an expressive medium through the exploration of form and pictorial organization in all relief printmaking techniques.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 232 - Intaglio Printmaking**

A studio/performance-oriented course focusing on printmaking as an expressive medium through the exploration of form and pictorial organization in all intaglio printmaking techniques, including dry point and etching.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 233 - Experimental Printmaking (4)**

A studio/performance course that will push the boundaries of traditional Printmaking processes and applications to create installation, objects and book-based works of art. Students will use sustainable, digital and hybrid approaches to explore new territory in contemporary print.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **ART 234 - Digital Printmaking (4)**

A studio/performance-oriented course that combines digital tools and traditional printmaking processes to create fine art prints, installation and books. Using tools such as Photoshop, scanners, large format printers, vinyl-cutters and 3-D printers, as well as traditional relief, intaglio and lithographic printmaking techniques.

Distribution: (A)(HFA/ST). Offered: Offered as needed.

#### **ART 235 - Screenprinting (4)**

A studio/performance-oriented course that combines hand-cut stencils, digital tools and photographic processes to create fine art prints, installation and books. Using tools such as Photoshop, scanners, large format printers, vinyl-cutters and primarily materials specific to creating hand printed screenprints.

Distribution: (A)(HFA/ST). Offered: fall and spring semesters.

#### **ART 240 - Arts in Health (2)**

This course explores the relevance of visual art, writing, music, and dance in health and wellbeing. This course is for anyone wanting to explore the role of the creative arts in human development, medical settings, psychology, public health, in communities and as an agent for social change. Experimental components will offer students the opportunity to actively engage in the arts to deepen an understanding of the benefits in health and wellness. It will be of value to those considering working with others using creative arts in public health, healthcare, psychology, or dance, music and art therapies, as well as for those who may wish to establish the creative arts as a form of practice and discipline in their lives. Open to all students.

Distribution: (A)(HFA). Offered: fall and spring semesters.

#### **ART 244 - Introduction to Museum Studies (4)**

Introduction to Museum Studies is designed as an introductory, undergraduate level seminar with two major objectives. Through readings, seminar discussions, and on-site interviews with museum professionals, it will introduce students to contemporary discourse on museums and galleries, on topics such as their institutional roles, their social impact, and their responsibilities as public keepers of our cultural heritage. This course will also provide an overview of the skills, abilities, and qualities required by the different professional roles, which play a vital role in the management of any museum. This course entails a significant amount of reading and writing.

Distribution: (A)(HFA)(W). Offered: fall semester.

#### **ART 245 - Principles of Collection Management (3)**

Principles of Collection Management is designed to prepare students with knowledge and experience of the best practices of collection care and record management. In this course, we will cover the ethical

obligations that guide collections duties and the associated care activities. These include cataloging, accessioning and deaccessioning, condition reporting, loans, art handling, storage, packing and shipping. Legal issues such as copyrights, repatriation, and provenance will be discussed. The emphasis of this course will be on practical skills, which we will apply in a set of hands-on projects related to the care and management of the University of Tampa Permanent Collection.

Distribution: (HFA). Offered: spring semester.

#### **ART 251 - Mixed-Media Painting I (4)**

An inquiry-based studio course that explores the interactions and combinations of painting with drawing, photography, printmaking, sculpture, and new technologies. Emphasis is placed on the synthesis of materials and processes, and on inventive ways to utilize new technologies.

Distribution: (A) (HFA/ST). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, ART 110, ART 201, ART 209, ART 231. Offered: fall and spring semesters.

#### **ART 252 - Experimental Painting I (4)**

An inquiry-based studio course that questions the limits and boundaries of painting as a creative medium, stressing the investigation in both media and technique. Experimentation with non-traditional materials and processes are emphasized, as well as original research in concept and media.

Distribution: (A) (HFA/ST). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, ART 110, ART 201, ART 209 ART 231. Offered: spring semester.

#### **ART 261 - Sculpture Mold-Making and Casting I (4)**

A studio performance course. This course introduces the aesthetic, technical, and historical aspects of the casting process as it relates to sculpture. Students learn basic skills in methods of mold making to include plaster, vacuum form and flexible rubber molds. Instruction in various methods of casting and materials used for casting will be explored to include plaster of Paris, cement, resin, plastics hot metals and experimental and new media.

Distribution: (HFA/ST) (A).

#### **ART 262 - Experimental Sculpture I (4)**

This course introduces the rich potential of a material, media, and technical engagement with sculptural work. This course builds upon traditional sculpture practices while embracing new techniques and media. Students will take traditional materials such as steel, plaster and wood combined with new or emerging technologies to create Sculpture.

Distribution: (HFA) (A).

#### **ART 266 - Museum Practicum I (3)**

This course prepares professionals with the knowledge and the manual skills to ensure that objects are safely handled throughout an installation. Playing a key role in collection management, preparators are



responsible for framing and building displays, packing and unpacking art, as well as installing and de-installing exhibitions. This course introduces the physical skills, tools, and technical thinking behind safe installation of exhibitions.

Prerequisite: ART 244, ART 245 . Offered: fall and spring.

#### **ART 268 - History Survey I (4)**

A critical and analytical study of the architecture, sculpture, painting and minor arts from the Prehistoric era to the Gothic period. Emphasis is given to the social and cultural influences that affected the development of art in Western civilizations. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (W). Offered: fall and spring semesters.

#### **ART 269 - History Survey II (4)**

A critical and analytical study of the architecture, sculpture, painting and minor arts from the Renaissance to the 20th century. Emphasis is given to the social and cultural influences that affected the development of art in Western civilizations. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (W). Offered: spring semester.

#### **ART 271 - Pre-Columbian (4)**

A critical and analytical study of significant pre-Columbian works of art with reference to architecture, sculpture, painting and the minor arts. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (IG) (NW) (W). Offered: fall and spring semesters.

#### **ART 281 - History of Graphic Design (4)**

A critical and analytical survey of the evolution of modern graphic design and the contextual relationships between visual communication, typography, and illustration through the lens of social/technological development throughout history, from the 14th century to the present. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (W). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, or ART 110. Offered: fall semester.

#### **ART 282 - Survey of Non-Western Art (4)**

This course is a critical and analytical study of the architecture, sculpture, painting, and the minor arts of the Far Eastern cultures of India, China, Japan and the end Near Eastern Islamic countries of Asia. One of the main focuses will be on the encounters and reciprocal influences between the so-called Western and the non-Western arts. Through a thorough examination of specific works of art and/or monuments from each of these traditions, emphasis will be placed on distinctive artistic styles, forms, and aesthetics of each region, and the links between cultures. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (IG) (NW) (W).

#### **ART 283 - Design Thinking (2)**

This course is an introduction to and exploration of design thinking theories and methodologies. Design thinking is a problem-solving process of discovery and ideation that employs design based techniques to gain insight and yield innovative solutions to how designers think, empathize, and work collaboratively generating ideas and multiple solutions abundantly. Applicable to all students.

#### **ART 292 - Art and Design Immersion: Travel Course (2)**

Art Immersion is a unique travel course that combines art history, fine arts and design. The course will immerse students firsthand in a vibrant art scene. On location students visit the several art fairs, galleries, museums and the working studios of prominent artists or graphic design firms. In the seminar portion of the course, readings and discussion focus on artists/design firms and art movements from the early 20th century to the present. Possible destinations include New York City, Los Angeles, Chicago, Miami and Washington, D.C. May be repeated for credit. If taken twice, this course can fulfill a required art history course for the art and graphic design majors. A travel fee is required.

Distribution: (HFA). Prerequisite: permission of instructor. Offered: Varies when offered.

#### **ART 295 - Design and New Media Travel Course (2-4)**

This travel course is open to all students interested in learning and exploring historical movements and current trends in design and new media. Focusing on experiential learning, students will visit cities, museums, institutions and events that are relevant to the fields of graphic and industrial design, typography, digital arts, interactive media, animation and new technologies. Possible destinations include Europe, Asia, Oceania and the Americas. This course may count as an art history requirement for Art and Design majors. Travel fee is required.

Distribution: (A) (HFA) (IG). Offered: Varies when offered.

#### **ART 295A - Design and New Media Travel Course (2)**

This travel course is open to all students interested in learning and exploring historical movements and current trends in design and new media. Focusing on experiential learning, students will visit cities, museums, institutions and events that are relevant to the fields of graphic and industrial design, typography, digital arts, interactive media, animation and new technologies. Possible destinations include Europe, Asia, Oceania and the Americas. This course may count as an art history requirement for Art and Design majors. Travel fee is required.

Distribution: (A) (HFA) (IG). Offered: Varies when offered.

#### **ART 297 - New Majors Seminar (1)**

A course designed to acquaint students with the unique policies and procedures in the department. Emphasis is placed on transfer course equivalencies; the application process for the BFA degrees, and the development of a Two-Year Plan.

Prerequisite: New Transfer Majors Only.

### **ART 298 - Professional Seminar (2)**

This course is designed to introduce career preparation and professional development for visual artist/designers. It presents a wide variety of professional skills: goal setting; professional ethics; documentation strategies; portfolio basics; networking and social media; and information regarding grants, residencies, internships, and graduate schools. Emphasis is placed on development of the Junior Review Portfolio and mentoring on future degree paths and career aspirations.

Distribution: (HFA). Prerequisite: ART 102, ART 103, ART 104, ART 105, ART 110 and one additional 200-level ART studio course. Co-requisite: ART 299. Offered: fall and spring semesters.

### **ART 299 - Junior Portfolio Review (0)**

This is a zero-credit, required course for all B.A. and BFA majors within the Department of Art and Design. The portfolio is the most meaningful indicator to determine a student's future success. Portfolios are reviewed in one-on-one meetings with a minimum of two full-time faculty. The goal of these meetings is to assess the level of achievement regarding program competencies and evaluate the strengths and weakness of their portfolio. It also provides to discussion regarding career interests and the best path for their future success: pursuing the professional BFA degree, or pairing the B.A. degree with a second major and/or minor. The BFA is a highly selective, invitation-only degree program.

Corequisite: ART 298 Professional Seminar. This course may be repeated once; it is highly recommended to take ART 199 BFA Portfolio Development simultaneously.

### **ART 304 - Experimental Drawing I (4)**

An inquiry-based studio course that utilizes experimental materials and technique to solve traditional problems in drafting and pictorial organization. This includes the development and expansion of how we define the pictorial form and space by line and value through a variety of media contexts.

Distribution: (A) (HFA/ST). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, ART 110, ART 208, ART 218, ART 231, ART 232, ART 233, ART 251, ART 252. Offered: Offered as needed.

### **ART 305 - Graphic Design I (4)**

An introductory study of the creative processes associated with the graphic design field. Emphasis on

the relationship between word, image and meaning, fundamental design principles and problem-solving processes as applied to visual communication. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: ART 102, ART 104, and ART 110. Offered: fall and spring semesters.

### **ART 308 - Digital Photography II (4)**

A studio/performance-oriented course designed to increase students' technical knowledge and ability for individual expression. Emphasis is on research with a fine art approach to image making to develop and refine one's own photographic style. Both theoretical and conceptual issues surrounding digital photography in the contemporary art world will be addressed.

Distribution: (A) (HFA/ST). Prerequisite: ART 218. Offered: Offered as needed.

### **ART 309 - Typography (4)**

Introduction, exploration, and application of type and fundamental typographic principles. Develop an understanding of typography as it relates to visual communication and graphic expression while exploring both traditional and nontraditional forms. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: ART 104 and ART 110. Corequisite: ART 305. Offered: fall and spring semesters.

### **ART 318 - Graphic Design II (4)**

Continuation of ART 305- Graphic Design I. Continued study in the fundamental principles and technique of graphic design and practice of the creative process as applied to visual problem solving. Focus is on the development of formal design skills, ideas and the tools used to execute complex design solutions. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: ART 305, ART 309. Offered: fall and spring semesters.

### **ART 319 - Typography II (4)**

Continued exploration of visual structure and hierarchies of information through the organization of typographic space. Emphasis is on the use of type to create message, both literary and visual. Laboratory fee required.

Distribution: (HFA). Prerequisite: ART 309.

### **ART 320 - Graphic Design Portfolio Studio (4)**

This course focuses on career preparation and professional development for graphic designer and related fields. Topics include portfolio evaluation and preparation, written and oral communication, interview best practices and job searching skills. Each student will create and organize a web-based portfolio and resume presentation. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: ART 305. Offered: Offered as needed.

### **ART 322 - Branding and Packaging Design (4)**

This course explores three-dimensional design as it applies to product containers. Branding, type, layout, design, and form are synthesized to create commercial packaging. Design solutions are developed from branding concept to three-dimensional package designs. Relationships between form and function, cost and creativity will be addressed to develop cost-effective packaging designs at a professional level. Lab fee required.

Prerequisite: ART 305 and ART 309.

#### **ART 323 - Women in Art (4)**

This course focuses on international modern and contemporary women artists. After a brief historical survey of 16th to 19th century works by women, we focus on significant contemporary women artists around the globe. Topics include: how gender issues are encoded in images of women; international socio-political contexts for the creation of art by women; requirements, restrictions, and obstacles women in the past endured to become artists; often-neglected female artists' contributions to major global modern and contemporary art movements; theoretical and philosophical writings from and about women artists and art historians; and the contemporary shift to accessibility and visibility through global exhibitions, museum collections, biennales, and literature.

Distribution: (A)(HFA)(IG). Prerequisite: One of the following courses: ART 101, ART 268, ART 269, or ART 357. Offered: Offered as needed.

#### **ART 324 - Greco-Roman, Medieval, and Renaissance Art (4)**

This course combines aesthetic, historical, and thematic approaches to the study of significant works from the Greco-Roman, Medieval, and Italian Renaissance periods, including sculpture, painting, architecture, and other forms of artistic production. Each period is addressed on its terms as well as in relation to what came before, as we explore complex modes of reception and transformation of artistic inspirations. This course entails a significant amount of reading and writing.

Distribution: (A)(HFA) (W) (IG). Prerequisite: AWR 101 and AWR 201.

#### **ART 325 - Art Across 15th through 18th Century (4)**

This course combines aesthetic, historical, and thematic approaches to the study of significant works of Northern Renaissance, Baroque, Rococo, and Neoclassical art in Europe, including sculpture, painting, architecture, and other forms of artistic production. Each movement is addressed on its terms as well as in relation to other styles as we explore complex modes of reception, inspiration, and reaction in the development and expression of artistic goals. This course entails a significant amount of reading and writing.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101 and AWR 201.

#### **ART 327 - Studio Lighting I (4)**

A studio/performance-oriented course that introduces students to controlled lighting techniques to develop an approach for manipulating light to create distinctive imagery. Studio lighting techniques, color theory, digital editing and printing will be addressed. Students will work towards a proficiency in utilizing light as photography's main tool for artistic expression and communication through constructed imagery.

Distribution: (A)(HFA/ST). Prerequisite: One of the following: ART 102, ART 104, ART 105, ART 110, ART 200, ART 201, ART 208, ART 218, ART 231, ART 232, ART 251.

#### **ART 328 - Experimental Photography I (4)**

A studio/performance-oriented course that introduces students to alternative photographic processes using various lens-based practices and equipment. Students will experiment extensively with hybrid forms using analog and digital methods to combine old and new techniques in innovative ways.

Distribution: (HFA/ST). Prerequisite: One of the following: ART 102, ART 104, ART 105, ART 110, ART 201, ART 208, ART 218, ART 231, ART 232, ART 251. Offered: Offered as needed.

#### **ART 329 - Graphic Design III (4)**

Intermediate exploration of conceptualization and development of type-and-image messages. A more in-depth exploration of conceptual thinking, typography and investigative tools used to solve communicative problems. Focus is on deeper research and analysis of visual communication problems, and refinement of visual message construction. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: ART 299 and ART 318. Offered: Offered as needed.

#### **ART 330 - Art Therapy with Children and Adolescents (3)**

Overview of art therapy as it applies to children and adolescents. Explores the development and psychology of art as indicators of a child's experience. Students will learn to apply their foundational art therapy knowledge to work with a variety of child and adolescent populations.

Distribution: (A) (HFA). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, PSY 101, ART 230, ART 240, or Permission of the instructor. Offered: fall and spring semesters.

#### **ART 331 - Art Therapy with Adults (3)**

Overview of art therapy as it applies to the complications of adult life experiences. Explores the intrinsic therapeutic value of adult art expressions and their ability to serve as a form of verbal communication. Students will learn to apply their foundational art therapy knowledge to work with a variety of adult client populations.

Distribution: (HFA). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, PSY

101, ART 230, ART 240, or Permission of the Instructor. Offered: fall and spring semesters.

### **ART 333 - Applications for Health and Wellness Professions (3)**

A studio/performance-oriented course that explores the therapeutic properties of art media and techniques through direct engagement. Processes will be assessed for their appropriateness with a variety of client populations and potential to assist in meeting specific treatment goals. Students will learn how to convey the richness of their own experience through art in order to more effectively and empathically elicit therapeutic art from clients.

Distribution: (HFA/ST). Prerequisite: ONE of the following: ART 102, ART 103, ART 104, ART 105, PSY 101, ART 230, ART 240, or Permission of the Instructor. Offered: Offered as needed.

### **ART 340 - Research in Convergence and Technologies (3)**

Research in Convergence and Technologies (RCT) is a student-centered multidisciplinary arts course that combines creative, independent inquiry into artistic practices, design, and emerging technologies. RCT is a collaborative course that employs multiple content forms within the Fabrication Lab. Students will explore new possibilities for creative and scholarly expression with deep integrations of multidisciplinary concepts, techniques, and technologies. RCT focuses on multiple facets of designing and making as a means to create; students within this course may realize specific artworks, productions, or products. This course encourages divergent reasoning, problem-solving, and critical thinking within each student's unique research.

Prerequisite: ART 110. Offered: fall.

### **ART 341 - Relief Printmaking II (4)**

As a continuation of ART 231, Relief Printmaking II is a deeper investigation of the material and techniques of Relief Printmaking. This class is for students that would like to explore more advanced techniques and processes in an effort to develop a body of printed artworks.

Distribution: (HFA). Prerequisite: ART 231. Offered: fall and spring semesters.

### **ART 342 - Intaglio Printmaking II (4)**

As a continuation of ART 232 Intaglio Printmaking II is a deeper investigation of the material and techniques of intaglio printmaking. This class is for students that would like to explore more advanced techniques and processes in an effort to develop a body of printed artworks.

Distribution: (HFA). Prerequisite: ART 232. Offered: Offered as needed.

### **ART 345 - Museum Administration (4)**

This course will cover the operational aspects that relate specifically to museum staff/volunteer management, marketing, budget management, public relations/events management and planning,

fundraising, program development and evaluation, building and facilities management, and board/donors/visitor relations. This course does not satisfy Humanities/Fine Arts general distribution requirements.

Prerequisite: ART 244.

### **ART 349 - Figure Drawing II (4)**

As a continuation of ART 209 Figure Drawing II is a deeper investigation of the materials and approaches of drawing the human figure. This class is for students that would like to explore more advanced techniques and processes in an effort to develop a body of figure drawings.

Distribution: (HFA). Prerequisite: ART 209. Offered: Offered as needed.

### **ART 350 - Figure Painting I (4)**

A technical-based studio course that explores descriptive painting revolving around the human form, spanning from hyper-realism to stylization. Emphasis is placed on light, space, color interaction, and paint application. Investigations in both perceptual and conceptual approaches to painting the figure are explored.

Distribution: (A) (HFA/ST). Prerequisite: One of the following: ART 102, ART 201, ART 209. Offered: spring semester.

### **ART 351 - Mixed Media Painting II (4)**

This course is a continuation of ART 251 Mixed Media Painting that emphasizes experimentation and exploration of mediums, digital processes, and new ways to intersect drawing, painting, photography, and sculpture.

Distribution: (A) (HFA/ST). Prerequisite: ART 251. Offered: fall and spring semesters.

### **ART 352 - Experimental Painting II (4)**

This course is a continuation of ART 252 Experimental Painting that questions the limits and boundaries of painting as a creative medium stressing investigation in media and technique. Non-traditional aspects of painting are explored and challenged in the context of a contemporary discourse.

Distribution: (HFA). Prerequisite: ART 252. Offered: spring semester.

### **ART 355 - Figure Painting II (4)**

This course is a continuation of ART 350 Figure Painting, which involves investigations of descriptive painting from the human form. Issues of light, space and color interaction are stressed. Students will study both from the old masters and contemporary paintings, as well as from the live model. Students will investigate both perceptual and conceptual approaches to painting the figure. The final goal is to have each student begin to realize their own style and channeling it towards successful figure painting.

Distribution: (A) (HFA/ST). Prerequisite: ART 350. Offered: spring semester.

**ART 357 - Modern Art (4)**

This course is a critical and analytical study of late 19th and 20th century painting, sculpture, photography and architecture with an emphasis on the conditions and circumstances that fostered their development. It surveys the major world art movements of this period, from Realism to Impressionism, Cubism, Bauhaus, Surrealism, Futurism, Pop Art and Op Art.

Distribution: (A) (HFA) (W). Prerequisite: Prerequisites AWR 101 and AWR 201. Offered: fall and spring semesters.

**ART 361 - Sculpture Mold-Making and Casting II (4)**

As a continuation of ART 261 Sculpture Mold-Making and Casting I, this course continues exploration in methods of mold making practices and new technology and media with an emphasis on advanced techniques and processes in an effort to develop a body of three-dimensional artworks.

Distribution: (HFA). Prerequisite: ART 261.

**ART 362 - Experimental Sculpture II (4)**

As a continuation of ART 262, this course continues exploration in traditional sculptural practices and new technology and media with an emphasis on advanced techniques and processes in an effort to develop a body of three-dimensional artworks.

Distribution: (HFA). Prerequisite: ART 262.

**ART 365 - Screenprinting II (4)**

As a continuation of ART 235, Screenprinting II is a deeper investigation of the material and techniques of Screenprinting. This class is for students that would like to explore more advanced techniques and processes in an effort to develop a body of printed artworks.

Distribution: (HFA). Prerequisite: ART 235.

**ART 366 - Museum Practicum II (3)**

This course will detail all the stages of the process of developing an exhibition—from initial concept through a finished, fully installed exhibition. This continually evolving field requires specific complex skills, entailing technical expertise in project management, staff and resource management, and the translation of the curators' vision, graphically and physically, into a finished visitor-centered exhibition.

Prerequisite: ART 266. Offered: fall and spring.

**ART 370 - Printing, Publishing and Book Arts (4)**

This course is an introduction to the art and history of the book. It includes studio experience with letterpress printing, typography and typesetting, principles of editing and publishing, creative writing, graphic design, illustration, papermaking and bookbinding. The primary aims of the class are to introduce students to the aesthetic, cultural and material dimensions of the reading experience, to enhance their understanding of how physical and visual presentation shapes a reader's perceptions, and to introduce the history, craft and art of the physical book. Equivalent to ENG 370.

Distribution: (A) (HFA/ST). Offered: Offered as needed.

**ART 371 - Fabrication Design I (4)**

Fabrication Design is an introductory course that explores 2D design, 3D modeling, and 3D rendering workflows paired with rapid prototyping and fabrication methods using state-of-the-art CNC milling machines, 3D printers, and laser cutters. This course blends design technologies with material processing and manipulation central to a research-based design inquiry, meeting a growing demand in today's competitive professional and creative maker focused environment.

Prerequisite: ART 110.

**ART 375 - Digital Arts II (4)**

This is a dynamic studio and seminar forum that explores theoretical, social, technical, and contextual research and concerns within digital art practices. We will extend your knowledge from Digital Arts I and investigate methodologies and technologies from electronics, programming, and interactive design to installation through experimentation. This course is designed to give students an interdisciplinary approach to emerging technologies in the arts and design disciplines.

Prerequisite: ART 110.

**ART 380 - Special Topics (4)**

A course offered at the discretion of the Art department. Subject may focus on a topic of current interest in the field, or topic that is of interest to a particular group of students. May be repeated for credit, if the topic is different.

Distribution: (A)(HFA/ST). Offered: Varies when offered.

**ART 401 - Special Projects (1-6)**

Independent research or creative project under the guidance of a member of the Art faculty. Emphasis maybe in any of the disciplines with the department. May be repeated for credit. Requires the submission of a signed Independent Study form to register.

Distribution: (A) (HFA/ST). Prerequisite: Instructor and Chair signature. Offered: Offered as needed.

**ART 411 - Internship (1-4)**

This studio/performance-oriented course involves placement in an advertising agency, magazine or related enterprise for hands-on work experience. May be repeated for additional credit.

Distribution: (A) (HFA/ST). Prerequisite: Junior and senior art majors only, with consent of instructor. Offered: Offered as needed.

**ART 412 - Art Therapy Practicum (3)**

This internship is designed to give students hands-on experience using art in a therapeutic capacity. Students may select from a number of agencies and work under the supervision of art therapists, artists in residence,

art educators, child life specialists, activity therapists or counselors. May be repeated for credit.

Distribution: (A). Prerequisite: Any two of the following courses: ART 230, ART 330, ART 331, ART 333. Juniors and seniors only, or permission of the instructor. Offered: Offered as needed.

#### **ART 413 - Experimental Drawing II (4)**

An inquiry-based studio course that is a continuation of ART 304: Experimental Drawing I; continued development and ambition for a deeper engagement with course concepts is expected.

Distribution: (A). Prerequisite: ART 304. Offered: Offered as needed.

#### **ART 423 - Contemporary Art (4)**

This course explores art that has shaped the perception of contemporary art in a global world. We will examine the major themes of contemporary art focusing on a wide range of artworks that explore an even wider variety of materials, stylistic approaches, technologies, and theories; it will incorporate artists from all different parts of the world. This course requires a significant amount of writing, both formal and informal.

Distribution: (A) (HFA) (IG) (W). Prerequisite: Junior/Senior standing, or ART 101, or ART 357. Offered: fall and spring semesters.

#### **ART 425 - Art Theory and Criticism (4)**

This course trains students in advanced disciplinary perspectives and practices in art history. After an introduction to central disciplinary methodologies (such as Semiotics, Marxism, Feminism, race and gender, psychoanalysis, reception, and post-colonial theories), students explore the historiography of art historical thought as well as important contemporary debates. Regular writing instruction and practical exercises establish proficiency in multiple genres of scholarly writing and help prepare students for further advanced study or for their professional goals. This course requires a significant amount of reading and writing.

Distribution: (A). Prerequisite: One of the following: ART 225, ART 357, or ART 423. Offered: Fall/spring.

#### **ART 427 - Studio Lighting II (4)**

As a continuation of Art 327, this course is to develop ideas and approaches to generate an individual photography portfolio exploring various lighting techniques.

Distribution: (A)(HFA/ST). Prerequisite: ART 327.

#### **ART 428 - Experimental Photography II (4)**

As a continuation of Art 328, this course is for advanced exploration utilizing experimental photography techniques. Students refine skill sets and approaches for a unique photographic portfolio pursuing various experimental and alternative processes. Emphasis is on creation and presentation of a cohesive body of exhibition-quality work.

Distribution: (HFA). Prerequisite: ART 328. Offered: Offered as needed.

#### **ART 429 - Graphic Design IV (4)**

Advanced problem solving in visual communication. Explore complex image-making and interactive components. Current topics in cultural issues impacting graphic communication are explored. Laboratory fee required.

Distribution: (HFA). Prerequisite: ART 329.

#### **ART 440 - Practicum: Workshop (2)**

Students will participate in an intensive three-day workshop with an internationally renowned artist through our Visiting Artist Program. The practicum will provide an experience-based learning opportunity to enrich the student's artistic knowledge, process and growth as they work and collaborate with these professionals. May be repeated for credit.

Distribution: (A)(HFA/ST). Prerequisite: Any 100/200-level studio art course and permission of the Department Chair.

#### **ART 441 - Practicum: Assistantship (2)**

Students will work with faculty on their professional research and scholarship in a capacity that involves hands-on experience in research, pre-production, production, and post-production aspects of being an art professional. The practicum will provide an experience-based learning opportunity to enrich the student's knowledge, process and growth as they work and collaborate with these professionals. May be repeated for credit.

Distribution: (A)(HFA/ST). Prerequisite: Permission of the Department Chair.

#### **ART 442 - Practicum: Meridian Scholar (2)**

Students will participate as an assistant during an intensive project with an internationally renowned artist through our *Meridian Scholar* 10-day residency program. The practicum will provide an experience-based learning opportunity to enrich the student's artistic knowledge, process and growth as they work and collaborate with these professionals. May be repeated for credit.

Distribution: (A)(HFA/ST). Prerequisite: Any 100/200-level studio art course and permission of the Department Chair.

#### **ART 445 - Advanced Principles of Collection Management (3)**

This course will cover the advanced administrative responsibilities of collection management for museums and explore the ethical obligations that guide these collections duties and the associated care activities. The collection operations examined include: accession and de-accession, ownership and title, collection management policies and planning, risk assessment and mitigation and insurance, legal and ethical issues associated with copyright, repatriation, and provenance. This course does not satisfy

Humanities/Fine Arts general distribution requirements.

Prerequisite: ART 245.

#### **ART 450 - Advanced Painting Studio (4)**

This studio/performance-oriented course explores issues concerning media and methods relevant to individually designated concepts in order to encourage students to develop their own vision and style. This course provides the time and focus to develop a significant and fully realized body of work while exploring the intellectual connections between work in the studio and readings, writings and discussions in contemporary art and culture. The objective is for students to develop, through research and practice, a personal vocabulary of imagery and ideas regarding painting. May be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Two of the following: ART 201, ART 251, ART 252, ART 350, ART 351.

#### **ART 461 - Sculpture Mold-Making and Casting III (4)**

As a continuation of ART 361, this course continues exploration in methods of mold making practices casting and new technology and media. Advanced students are expected to continue their exploration into the processes and techniques of sculpture and enhancing their and body of work.

Distribution: (HFA). Prerequisite: ART 361.

#### **ART 462 - Experimental Sculpture III (4)**

As a continuation ART 362, this course continues exploration in traditional sculptural practices and new technology and media with an emphasis on advanced techniques and processes in an effort to develop a body of three-dimensional artworks. The course will challenge students to set personal goals in terms of research and art production.

Distribution: (HFA). Prerequisite: ART 362.

#### **ART 466 - Museum Practicum III (3)**

This course is the Senior Capstone experience in which students concentrate their focus and attention on producing a cohesive exhibition. Students will learn the proper techniques and procedures for researching, presenting and mounting an exhibition. This course prepares students to the professional role of museum / gallery curator. It develops skills in connecting art, artists, and communities, and in engaging audiences effectively by developing relevant, timely, and accessible exhibitions.

Prerequisite: ART 244 and ART 245 and one of the following: (ART 266 or ART 366). Offered: fall and spring.

#### **ART 471 - Fabrication Design II (4)**

Fabrication Design II is an advanced level course and a continuation of Art 371. In this course, emphasis is given to a deeper investigation of the materials and techniques in 2D, 3D modeling, and 3D rendering

technologies, combined with rapid prototyping and fabrication methods that use state-of-the-art CNC-milling machines, 3D printers, and laser cutters. Students will explore and engage in more advanced techniques and processes in an effort to develop a body of work consistent with the growing demand in today's competitive professional and creative maker focused environment.

Prerequisite: ART 371.

#### **ART 475 - Digital Arts III (4)**

This is a dynamic studio and seminar forum that explores theoretical, social, technical, and contextual research and concerns within digital art practices. We will extend your knowledge from Digital Arts I and II by investigating various contemporary methodologies and technologies. Within this course, you will hone your body of work through conceptual development and critique. This course is designed to give students an interdisciplinary approach to emerging technologies in the arts and design disciplines.

Prerequisite: ART 375.

#### **ART 490 - Collaboration Studio (4)**

Collaboration Studio is a unique experience that emphasizes collaborative and team-based making strategies. Many artists find their voice through cooperation and productive group problem solving across disciplinary lines. Collaboration Studio seeks to foster a spirit of discovery and open exploration as students and faculty work together in a wide range of studio experiences and create a synergistic group dynamic that will inform and advance the work of all participants. Collaboration Studio is not a traditional class; it is an experience. The project culminates in an Open House Exhibition. May be repeated for credit.

Prerequisite: ART 102, ART 103, ART 104, ART 105, ART 110, and ART 298. Offered: Offered as needed.

#### **ART 497 - Art Therapy Capstone (3)**

This course will introduce students to professional and ethical issues in Art Therapy and will consider their particular interest in the field, with a focus on preparation for application to graduate programs and/or creative arts employment opportunities. Students will develop a portfolio of work that best demonstrates the student's proficiency with a variety of art materials and that demonstrates adequate technical skills and perceptual development. Students will create a research poster for their final exhibition and a joint exhibition in the community at a field placement site with their fellow students with marginalized populations. Portfolio includes a case study review.

Distribution: (A)(HFA). Prerequisite: ART 412. Offered: fall and spring semesters.

#### **ART 498 - BFA Capstone and Exhibit (4)**

This course is the Senior Capstone experience in which students concentrate their focus and attention on producing a cohesive body of artwork specifically designed for inclusion in the Senior BFA Exhibition.

This experience is offered in each studio area and counts toward the concentration. Students will learn the proper techniques and procedures for planning, presenting and mounting an organized body of work. Emphasis also is given to the development of an artist's statement and the proper techniques for photographic documentation. Students are encouraged to take an additional advanced level course in their area of concentration simultaneously.

Distribution: (HFA/ST). Prerequisite: ART 299 BFA Proficient "B" and permission of instructor. Offered: fall and spring semesters.

### **ART 499 - BFA Graphic Design Capstone**

Advanced problem solving in visual communication combining complex typography, image-making and integrated components. Topical issues impacting graphic communication will be researched and discussed.

Distribution: (A) (HFA/ST). Prerequisite: ART 299 BFA Proficient "B" and ART 329 and permission of the instructor. Offered: fall and spring semesters.

## **ASK - Academic Skills**

### **ASK 099 - Student Success Seminar (0)**

ASK 099 is open only to students who are recommended by the faculty Academic Appeals Committee. It is a semester-long course of seminars that meets one day a week. The lectures and activities presented are motivational and developmental. The topics include confidence, study approach, emotional well-being (coping with feelings of defeat, stress-management strategies), the importance of recognizing success, problem-solving, assessment of personal strengths and weaknesses, involvement in on-campus and community activities, setting realistic academic and life goals, health issues, taking responsibility for academic and career decisions, and dealing successfully with professors. University advising staff and guest speakers from several areas of the University facilitate the seminars.

### **ASK 100 - Academic Skills (1-2)**

An individualized skill-building course in which students enhance their academic skills using their own textbooks; improve their time management and organizational skills; and work on test-taking competencies. A basic class for students who understand that they will need new and different study skills to be successful in the college environment.

Offered: fall and spring semesters.

### **ASK 205 - Advanced Academic Skills (2)**

ASK 205 covers personal and academic skill sets taught at a higher level of rigor and intensity than ASK 100. The objective for the course is to have students recognize the importance of their role in their own college success while providing them with appropriate

tools to achieve success. A holistic approach to success puts the emphasis on the student, not the skill. Students will learn to accept personal responsibility, discover self-motivation and self-awareness, set realistic and obtainable goals, become a critical thinker, cultivate emotional intelligence and become a life-long learner.

Prerequisite: Permission of the instructor.

Corequisite: ASK 205 is linked with ASK 205L (summer I) and ASK 215L (each fall), which provides the student with specific counseling and one-on-one and/or group support meetings weekly. Offered: summer I.

### **ASK 205L - Advanced Academic Skills Lab (1)**

Is linked to ASK 205, as a complimentary laboratory course that provides the student with specific counseling in one-on-one and/or group support meetings, along with assigned exercises, in order to further support the student in their goals. The lab portion meets once a week for the duration of the semester.

### **ASK 215L - Advanced Academic Skills Lab II (1)**

Compliments and serves as a follow-up to ASK 205/205L. The objective of ASK 215L is to assist the student in successfully transitioning to a "normal" academic environment through application of the skills learned in ASK 205/205L. The course closely parallels coaching now being done by Academic Excellence Programs through the Coaching for Student Success program (CSS). STEP UP students who have successfully completed the summer courses and register for fall classes will be registered in ASK 215L to facilitate working with a coach. The student's coach, in consultation with the student, will develop a plan of action for the semester.

## **ASL - American Sign Language**

### **ASL 101 - Basic American Sign Language I (4)**

Beginning American sign language with emphases on structure, basic vocabulary and an introduction to manual communication systems. Includes psychology, socioeconomics and philosophies of education of the deaf in the United States, as well as an explanation of the field of interpreting and historical notes on sign language worldwide.

Distribution: (HFA). Prerequisite: Students cannot take ASL 101 or ASL 102 concurrently. Offered: Varies when offered.

### **ASL 102 - Basic American Sign Language II (4)**

Beginning American sign language with emphases on structure, basic vocabulary and an introduction to manual communication systems. Includes the psychology, socioeconomics and philosophies of education of the deaf in the United States, as well as an explanation of the field of interpreting and historical notes on sign languages worldwide.

Distribution: (HFA). Prerequisite: ASL 101. Students cannot take ASL 101 or ASL 102 concurrently. Offered: Varies when offered.



## AST - Astronomy

### AST 126 - Introduction to Astronomy (3)

Designed for non-science majors. Topics include naked-eye observations, planetary motion, the solar system and the origin, structure and evolution of stars, galaxies and the universe. Satisfies general distribution requirements. Lecture only.

Distribution: (NS). Prerequisite: MAT 150 or equivalent. Offered: Varies when offered.

### AST 150 - Solar Eclipses Around the World (3)

Solar eclipses occur roughly twice a year, but total solar eclipses occur much less frequently; and the totality of the eclipse is only visible from a narrow strip of the Earth's surface. This course will provide an introduction to astronomy in the context of these dramatic events, including travel to observe a total solar eclipse that is visible in that calendar year.

Distribution: (NS). Offered: Varies when offered.

### AST 300 - Astrophysics (4)

This course is an introduction to the physics of astronomical phenomena, including celestial dynamics, the interaction of electromagnetic radiation and matter, planets, stellar structure, stellar evolution, stellar remnants, galaxies, dark matter, cosmology and the history of the universe. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307. Offered: spring semester.

### AST 330 - Astrobiology (4)

Astrobiology is a cross-disciplinary study, bringing together biology, astronomy, oceanography, atmospheric science, chemistry, planetary science, and geology to study the origins of life in the universe. In this course we will examine the origins of life on Earth, the synthesis of organic molecules in space, the origin of solar systems and the possibility of life on other worlds. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (W) (NS). Prerequisite: MAT 260, PHY 201 or PHY 206. Offered: Varies when offered.

## ATT - Athletic Training

### ATT 250 - Emergency Care in Athletic Training (3)

The content and lab activities in this course prepare athletic training students to work collaboratively and use critical thinking to make appropriate decisions regarding the planning and care necessary in an emergency. Skills taught focus on advanced acute care procedures for people experiencing a medical emergency based on current evidence including: CPR and AED training, administering supplemental oxygen, prevention of infectious disease transmission, initial and secondary injury assessment including a relevant

review of systems, wound closure, and patient transportation. Lab fees required.

Prerequisite: HSC 230 with a grade of BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: fall semester.

### ATT 274 - Clinical Evaluation and Diagnosis I (4)

Fundamental skills of athletic training examination and assessment, including examination approaches and techniques, assessment of status and documentation for individuals with sport-related injuries. Emphasis placed on musculoskeletal disorders. Case studies are used to facilitate learning.

Prerequisite: ESC 371 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. Offered: spring semester.

### ATT 275 - Athletic Training Practicum II (3)

Involves supervised clinical practice with instruction of selected athletic training skills appropriate to the student's level in the program for example: documentation, emergency procedures and assessments, and technical application of selected therapeutic interventions and protective taping and wrapping. Completion of this course includes practical examinations and clinical education experience requirements. Students must be admitted into the professional athletic training program to be eligible to enroll in this course.

Prerequisite: Admission to the Athletic Training Professional Program and Permission of Program Director. Offered: fall semester.

### ATT 276 - Athletic Training Practicum III (3)

Involves supervised clinical education with instruction of selected athletic training skills appropriate to the student's level in the program for example: subjective and objective patient examination, diagnostic testing, and clinical documentation. Completion of this course includes practical examinations and clinical education experience requirements. Students must be admitted into the professional athletic training program to be eligible to enroll in this course.

Prerequisite: ATT 275 with a BC or better and ESC 371 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: spring semester.

### ATT 301 - Global Perspectives in Athletic Training and Therapy (3)

This is a travel abroad course that requires travel to selected destinations to study the delivery of athletic therapy and rehabilitation services to clients/patients. Students travel to these destinations to learn about the role of athletic therapy and rehabilitation in the larger healthcare system. The travel component of the course will include interactive tours covering the history, culture, and athletic therapy and rehabilitation trends

of the country(ies) visited. Students will participate in class(es), scholarly lectures, and practical experiences with students and faculty of host institutions or organizations.

**ATT 370 - Medical and Surgical Issues in Athletic Training (3)**

Seminar-style class with physicians and other health care specialists emphasizing the recognition and evaluation of injuries and illnesses, and the medical intervention and rehabilitation methods used for these problems.

Prerequisite: ESC 371, HSC 100, HSC 230, HSC 250 with a C or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: spring semester.

**ATT 373 - Therapeutic Interventions I (4)**

Studies the scientific foundations and practice-based implementation of various therapeutic interventions in athletic training. Provides knowledge necessary to make clinical decisions as to which therapeutic interventions will be most effective in a rehabilitative intervention program. Clinical case studies are used to facilitate learning.

Prerequisite: ESC 371, HSC 231. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: fall semester.

**ATT 374 - Therapeutic Interventions II (4)**

A continuation of Therapeutic Interventions I. Studies the scientific foundations and practice-based implementation of various therapeutic interventions in athletic training. Provides knowledge necessary to make clinical decisions as to which therapeutic interventions will be most effective in a rehabilitative intervention program. Clinical case studies are used to facilitate learning.

Prerequisite: ESC 340, ATT 373. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: spring semester.

**ATT 375 - Athletic Training Practicum IV (4)**

Involves supervised clinical education with instruction of selected athletic training skills appropriate to the student's level in the program for example: subjective and objective patient examination, diagnostic testing, and clinical documentation. Completion of this course includes practical examinations and clinical education experience requirements. Students must be admitted into the professional athletic training program to be eligible to enroll in this course.

Prerequisite: ATT 274 with a BC or better and ATT 276 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: fall semester.

**ATT 376 - Athletic Training Practicum V (4)**

Involves supervised clinical education with instruction of selected athletic training skills appropriate to the student's level in the program for example: subjective and objective general medical examination, laboratory and diagnostic testing, and clinical documentation. Completion of this course includes practical examinations and clinical education experience requirements. Students must be admitted into the professional athletic training program to be eligible to enroll in this course.

Prerequisite: ATT 373 with a BC or better, ATT 375 with a BC or better and ATT 377 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: spring semester.

**ATT 377 - Clinical Evaluation and Diagnosis II (4)**

A continuation of Assessment of Musculoskeletal Injuries I. Fundamental skills of athletic training examination and assessment, including examination approaches and techniques, assessment of status and documentation for individuals with sport-related injuries. Emphasis placed on musculoskeletal disorders. Case studies are used to facilitate learning.

Prerequisite: ESC 371 with a BC or better and ATT 274 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. Offered: fall semester.

**ATT 475 - Supervised Clinical Education Athletic Training I (4)**

Involves supervised clinical education experiences involving directed and self-directed clinical education experiences at the University and off-campus clinical sites. Provides an opportunity for development of critical thinking skills to integrate previously acquired knowledge and skills in clinical practice and the care of patients. Successful course completion includes board examination preparation, clinical synthesis seminar, clinical in-services, practical examinations, clinical performance assessments, and clinical education experiences.

Prerequisite: ATT 374 with a BC or better and ATT 376 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: fall semester.

**ATT 476 - Supervised Clinical Education Athletic Training II (2)**

Involves supervised clinical education experiences involving directed and self-directed clinical education experiences at the University and off-campus clinical sites. Provides an opportunity for development of critical thinking skills to integrate previously acquired knowledge and skills in clinical practice and the care of patients. Successful course completion includes board examination preparation, clinical synthesis seminar, clinical in-services, practical examinations, clinical performance assessments, and clinical education experiences.

Prerequisite: ATT 475 with a BC or better and ATT 495 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: spring semester.

#### **ATT 485 - Undergraduate Research in Athletic Training (1-8)**

This course is an experiential education course that focuses on conducting undergraduate research in athletic training and working along with a faculty member. The students will be engaged in project conception, background literature study, methodology, data collection, analyzing results and possible presentation of research to the larger community. May be repeated for a maximum of 8 credit hours.

Prerequisite: Permission of instructor.

#### **ATT 495 - Health Care Administration and Quality Improvement in Athletic Training (4)**

This course focuses on fundamental principles of administration and evaluation of the delivery of athletic training services in the context of the larger health care system. Strategies to achieve the best patient outcomes by collecting, analyzing, and effecting change using qualitative and quantitative information will be emphasized. Case studies are used to facilitate learning. Students must be admitted into the professional athletic training program to be eligible to enroll in this course.

Prerequisite: ATT 374 with a BC or better and ATT 376 with a BC or better. Admission to the Athletic Training Professional Program and Permission of Program Director. . Offered: fall semester.

#### **ATT 501 - Foundations of Practice in Athletic Training (3)**

This course introduces clinical decision making, a team approach to healthcare, legal and ethical considerations and concepts of professionalism and cultural competence. This introductory course focuses on fundamental athletic training skills necessary for active participation in the patient care setting. The primary focus is on an introduction to patient history and physical examination, pre-participation physical examinations, injury prevention concepts, and documentation. 3 hours lecture/week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 502 - Acute and Emergency Care in Athletic Training (3)**

This course prepares students to evaluate and manage patients with acute conditions, including triaging conditions that are life-threatening or otherwise emergent. This includes a comprehensive approach to the identification of risk factors, preparation of emergency action plans, and recognition and treatment of emergency medical conditions including those that may lead to sudden death. 3 hours lecture, 2 hours laboratory per week. Lab fees required.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 503 - Introduction to Clinical Interventions (2)**

This course prepares students to select and apply commonly used foundational interventions used for preventative, protective, or therapeutic interventions in clients/patients participating in athletic or physical activities. 2 hours lecture, 2 hours laboratory per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 515 - Clinical Practicum I (2)**

This immersive clinical course is designed to provide the student with the first clinical experience in athletic training. Building on the basic knowledge acquired in ATT 501, 502, and 503, the student will be assigned to a clinical preceptor in an athletic training clinical practice setting. The focus of this experience will be familiarization with the athletic training clinic environment, participating in an inter-professional sports medicine team providing care to competitive collegiate athletes.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 520 - Clinical Inquiry I (1)**

This course is the first of a four-course sequence that incorporates elements of patient-centered care, evidence-based practice, health informatics, and patient care planning into a clinical reasoning framework for athletic training practice. Selected aspects of research design, epidemiology, and public health will also be discussed. Using patient cases, students will learn about information search and retrieval strategies, selection of articles/information based on applicability, and critical appraisal and interpretation skills with special emphasis on diagnostic utility studies, clinical practice guidelines, and systematic reviews. 1 lecture hour and 1 laboratory hour per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 571 - Clinical Examination & Diagnosis I (4)**

This course provides a comprehensive approach to the examination, assessment, and differential diagnosis of conditions of the foot, ankle, and leg; knee and thigh; shoulder; and head and face injuries including the identification of risk factors, the role of clinical outcome measures, and appropriate referral decisions. 3 hours lecture, 3 hours laboratory per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 573 - Therapeutic Interventions I (4)**

This is first in a two-course sequence that provides a framework for the design and implementation of neuromusculoskeletal rehabilitation programs. The focus of the course is the use of therapeutic exercise, biophysical agents, and manual therapy in the treatment of non-operative and pre- and post-operative conditions. Emphasis placed on rehabilitation

programs for the foot, ankle, and leg, knee and thigh, and shoulder from early stages through terminal conditioning and functional return. Foundations of plyometric and proprioceptive activities are introduced. Surgical and non-surgical approaches to neuromusculoskeletal conditions will be addressed. 3 lecture hours and 3 lab hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 620 - Clinical Inquiry II (1)**

This course is the second of a four-course sequence that incorporates elements of patient-centered care, evidence-based practice, health informatics, and patient care planning into a clinical reasoning framework for athletic training practice. Selected aspects of research design, epidemiology, and public health will also be discussed. Using patient cases, students construct searchable clinical questions and conduct a thorough and efficient literature search. Critical appraisal of studies of diagnosis, intervention, and prognosis are performed. Experimental study design, implementation and data management is studied as well. 1 lecture hour and 1 laboratory hour per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 621 - Clinical Inquiry III (1)**

This course is the third of a four-course sequence that incorporates elements of patient-centered care, evidence-based practice, health informatics, and patient care planning into a clinical reasoning framework for athletic training practice. Selected aspects of research design, epidemiology, and public health will also be discussed. Using patient cases, students construct searchable clinical questions and conduct an efficient and effective literature search. Critical appraisal of quantitative and qualitative studies is performed. Epidemiological study designs and analyses are introduced as well. 1 lecture hour and 1 laboratory hour per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 622 - Clinical Inquiry IV (1)**

This course is the last of a four-course sequence that integrates elements of patient-centered care, evidence-based practice, health informatics, and patient care planning into a clinical reasoning framework for athletic training practice. Selected aspects of research design, epidemiology, and public health will also be discussed. Using patient cases, students construct searchable clinical questions and conduct an efficient and effective literature search and critically appraise the selected articles. Epidemiological concepts on prevention, surveillance, social determinants of health, and health disparity and equity are studied. 1 lecture hour and 1 laboratory hour per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 625 - Clinical Practicum II (3)**

This integrated clinical course is designed to provide the student with clinical experience in athletic training focusing on the health care needs of collegiate athletes. Utilizing the knowledge acquired in previous terms and the current term, the student will be assigned to a clinical preceptor in an athletic training clinical practice setting. The focus of this experience will be developing clinical skills and abilities in examination, diagnosis, and therapeutic interventions with an emphasis on lower extremity, shoulder, and head/face injuries in an inter-professional sports medicine team environment.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 630 - Enhancing Performance in Movement and Sport (3)**

This course is designed for students to use knowledge of anatomy, physiology, kinesiology, nutrition, qualitative and quantitative movement assessment, and coaching techniques in designing strength and conditioning programs for clients/patients. Consideration will be given to strategies for improving movement, activity-specific agility, speed, power, strength, and cardiovascular/respiratory fitness. 3 hours lecture, 2 hours laboratory per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 635 - Clinical Practicum III (3)**

This integrated clinical course is designed to provide the student with clinical experience in athletic training focusing on the health care needs of collegiate athletes. Utilizing knowledge acquired in previous terms and the current term, the student will be assigned to a clinical preceptor in an athletic training clinical practice setting. The focus of this experience will be developing clinical skills and abilities in examination, diagnosis, and therapeutic interventions with an emphasis on the hip and pelvis; thoracolumbar spine; cervical spine; elbow and forearm; and wrist and hand in an inter-professional sports medicine team environment.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 640 - Health Care Administration and Quality Improvement I (2)**

This course focuses on principles of leadership, administration, and quality improvement and assurance in the delivery of athletic training services in the context of the larger health care system. Strategies to achieve the best patient outcomes by collecting, analyzing, and effecting change using qualitative and quantitative information will be emphasized. 2 lecture hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 641 - Health Care Administration and Quality Improvement II (2)**

A continuation of ATT 640, this course focuses on principles of leadership, administration and management, and quality improvement in the delivery of athletic training services in the context of the larger health care system. Strategies to achieve the best patient outcomes by collecting, analyzing, and effecting change using qualitative and quantitative information will be emphasized. 2 lecture hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 642 - Psychosocial Issues in Clinical Practice (2)**

This course explores the psychosocial aspects, ethical foundations, and personal values as they relate to healthcare delivery in athletic training practice. Special emphasis is placed on the psychosocial issues during injury or illness recovery and responses to catastrophe. Current practices in the recognition of psychological conditions and referral for counseling or other interventions will be studied. Current issues associated with diversity, stress management, burnout, and ethical challenges in athletic training and the broader healthcare system are discussed. 2 lecture hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 645 - Clinical Practicum IV (3)**

This immersive clinical course is designed to provide the clinical experience in athletic training focusing on the health care needs of individuals who participate in non-sport activities and high school and youth sport athletes. Using knowledge and skills acquired in previous terms and the current term, the student will be assigned to a clinical preceptor in an athletic training clinical practice setting. The focus of this experience will be familiarization with the athletic training clinic environment, participating in an inter-professional healthcare team providing care to varied client/patient populations across the lifespan.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 651 - Seminar in Athletic Training I (1)**

This course is the first of a two-course sequence designed to assist with the transition to practice as an athletic training professional. Students will explore areas relating to self-assessment of professional competence and professional responsibility and development. Students will explore areas of clinical practice through participation in student, faculty, and staff clinical presentations and/or critiques of current research. Students will fine-tune their knowledge and clinical skills in preparation for the national certification examination. 1 lecture and 1 laboratory hour/week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 652 - Seminar in Athletic Training II (1)**

This course is the second of a two-course sequence designed to assist with the transition to practice as an athletic training professional. Students will continue to explore areas relating to self-assessment of professional competence and professional responsibility and development. In addition, students will integrate personal development with professional development planning. Students will explore areas of clinical practice through participation in student, faculty, and staff clinical presentations and/or critiques of current research. Students will fine-tune their knowledge and clinical skills in preparation for the national certification examination. 1 lecture hour and 1 laboratory hour per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 655 - Supervised Clinical Education I (4)**

This integrated clinical course is designed to provide clinical experience in athletic training focusing on the health care needs of high school and youth sport athletes. Using knowledge and skills acquired in previous terms and the current term, the student will be assigned to a clinical preceptor in an athletic training clinical practice setting. The focus of this experience will be familiarization with the athletic training clinic environment, participating in an inter-professional healthcare team providing care to clients/patients of varying socioeconomic statuses and activity and athletic ability levels.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 665 - Supervised Clinical Education II (3)**

This final clinical course is designed to provide an individualized experience in athletic training. Using knowledge and skills acquired in previous terms and the current term, the student will be assigned to a clinical preceptor in an athletic training and/or supplemental clinical experience.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 670 - Medical & Surgical Conditions in Athletic Training (3)**

This course is designed to guide the development of problem-solving skills of the medical decision-making process using a body systems approach. This course will emphasize the recognition of signs, symptoms, and predisposing factors related to injuries and illnesses common to primary care practices. The pharmacological, non-pharmacological and surgical approaches to patient care across the life span will be discussed. 3 lecture hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

#### **ATT 672 - Clinical Examination & Diagnosis II (4)**

This course provides a comprehensive approach to the examination, assessment, and differential diagnosis of conditions of the hip and pelvis; thoracolumbar spine

and torso; cervical spine; elbow and forearm; wrist and hand including the identification of risk factors, the role of clinical outcome measures, and appropriate referral decisions. 3 hours lecture, 3 hours laboratory per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

### **ATT 673 - Clinical Diagnosis & Management of Non-Orthopedic Conditions (3)**

This course provides a comprehensive approach to the examination, assessment, and differential diagnosis of common non-orthopedic medical conditions present in physically active patients across the lifespan, including the identification of risk factors, the role of clinical outcome measures, and appropriate referral decisions. 3 hours lecture, 2 hours laboratory per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

### **ATT 674 - Therapeutic Interventions II (4)**

This is second in a two-course sequence that provides a framework for the design and implementation of neuromusculoskeletal rehabilitation programs. The focus of the course is the use of therapeutic exercise, biophysical agents, advanced plyometric and proprioceptive activities, and manual therapy in the treatment of non-operative and pre- and post-operative conditions. Emphasis placed on rehabilitation programs for the hip and pelvis, spine and thorax, and elbow, wrist, and forearm from early stages through terminal conditioning and functional return. Foundational elements of rehabilitation following concussion are also introduced. 3 lecture hours and 3 lab hours per week.

Prerequisite: Admission to the MSAT program and permission of the program director.

## **AWR - Academic Writing**

### **AWR 100 - Fundamentals of Academic Writing (2)**

This course is designed to provide writing and reading support for students while they complete their AWR 101 requirement at UT. Course assignments parallel the AWR 101 assignment sequence, and reinforce the fundamental skills that are necessary for success in AWR 101. This course may not be taken by students who have already received credit for AWR 101, but may be repeated for credit with permission from instructor.

Offered: fall and spring semesters.

### **AWR 101 - Writing and Inquiry (4)**

Writing and Inquiry invites students to explore questions and think of themselves as writers, constructing answers rhetorically in academic and community contexts. During the writing process, students will consider their own and others' perspectives on a variety of vital personal, historical, philosophical, and social issues. Taking their own experiences and their peers' perspectives as credible sources of knowledge, students will expand their

inquiries beyond the personal into complex discussions in academic, literary and public textual forms. Students will also practice appropriate use and critique of technology, using digital sources as support for their arguments and grounds for further inquiry. Students must complete AWR 101 with a grade of "C" or better to register for AWR 201.

Offered: fall, spring and summer.

### **AWR 110 - Academic Writing for Multilingual Students I (4)**

This course is designed to develop and improve writing skills for students for whom English is a second language. Students may be required to take AWR 110 before enrolling in AWR 101 (see statement on placement testing in English in the Academic Programs section of the catalog). The professor also may recommend that a student take AWR 111 before enrolling in AWR 101. Must be completed with a grade of "C" or better to register for AWR 101. This course may not be used to fulfill the general distribution requirement.

Offered: fall and spring semesters.

### **AWR 111 - Academic Writing for Multilingual Students II (2)**

A course designed to provide writing and language support for multilingual students while they complete their AWR 101 requirement at UT. It takes an intercultural rhetoric approach that parallels the AWR 101 assignment sequence, and encourages students to draw on their own linguistic and cultural backgrounds to help make sense of English academic writing conventions. This course may not be taken by students who have already received credit for AWR 101, but may be repeated for credit with permission of the instructor.

Offered: fall and spring semesters.

### **AWR 201 - Writing and Research (4)**

AWR 201: Writing and Research teaches the conventions and expectations of academic research writing by guiding students through their own extended research project. The course teaches project discovery; annotation of source materials; processes of drafting and revision; delivery of a polished final product that adheres to the standards of citation style; and finally, conversion of the essay into clear oral presentation for an audience of peers. AWR 201 may not count for the English or writing major or minor.

Prerequisite: AWR 101 (with a grade of "C" or better). Offered: fall, spring and summer.

## **BAC - Baccalaureate Experience**

### **BAC 100 - Baccalaureate Digital Skills (0)**

BAC 100 (Baccalaureate Digital Skills) is an on-line class for incoming students. The course covers basic digital proficiency in Microsoft Office programs – Word, Excel and PowerPoint. These skills are needed for future course work. It is offered during two seven-week sessions each fall and spring semester and once

during the summer. Graded on a Satisfactory/Unsatisfactory basis.

Offered: fall, spring and summer semesters.

### **BAC 101 - First-Year Seminar I (1)**

First-Year Seminar I is a required course for all incoming first-year students. Students learn about Spartan Ready® skills designed to make them feel confident and prepared for a successful transition to college life. This course recognizes the importance of out-of-class experiences, and experiential learning in order to build relationships, and connect students to the UT community. Grades in the first-year seminar courses are awarded under the A-F graded system.

Offered: fall and spring semesters.

### **BAC 102 - First-Year Seminar II (1)**

First-Year Seminar II is a required course for all second-semester first-year students. Building on the skills learned in BAC 101, this course emphasizes major and career research and exploration, and general preparation for life after college. Grades in the first-year seminar courses are awarded under the A-F graded system.

Offered: fall and spring semesters.

### **BAC 103 - Transfer Students Seminar (1)**

Transfer Students Seminar is an elective course for all first-semester transfer students regardless of age or previous college-level coursework. Building on the Spartan Ready® Skills, the fundamental goal of this course is to help transfer students (1) make a successful transition from another institution of higher learning to UT, (2) make the transition more meaningful and successful and (3) integrate the student into the UT community of learners. Grades in this seminar course are awarded under the A-F graded system.

Offered: fall and spring semesters.

### **BAC 104 - Military Veterans Seminar (1)**

Military Veterans Seminar is a required course for all first-semester undergraduate military veterans regardless of age or previous college-level coursework. The fundamental goal of this course is to help make the transition from being a military veteran to college student more meaningful and successful, as well as to integrate students into the UT community. Students learn Spartan Ready® skills for successful transition to college life at UT, including course planning and student organization involvement, as well as career and major decision-making. Grades in this seminar course are awarded under the A-F graded system.

Offered: fall and spring semesters.

### **BAC 105 - Spartans Abroad Seminar (1)**

This course substitutes the required BAC 101/102 or HON 101/102 sequence for first-year students in the Spartans Abroad program only. Students learn the necessary skills for college transition, time management, and critical thinking. This course also prepares students for a semester abroad introducing

them to the culture and customs of the host country. Grades in this seminar are awarded under the A-F grading system.

Offered: Varies when offered.

### **BAC 200 - Peer Leadership (0-2)**

This course is designed for students interested in obtaining peer leadership roles and is open to any student with an interest in leadership. Over the course of the semester, Spartan Ready® components will be infused with peer leadership. Students will also learn how to build their professional brand as leaders on campus. This course fulfills an elective credit toward the leadership minor. This course is graded Satisfactory/Unsatisfactory (S/U).

Offered: fall and spring semesters.

### **BAC 490 - Applied Learning Experience (1-4)**

The University of Tampa Applied Learning Experience internship program pairs multidisciplinary teams of UT students with local companies to solve real-world problems. Local organizations provide problems or projects that can benefit from a multidisciplinary, inquiry-based approach. Teams of three to four students from different academic majors then collaborate to produce a deliverable for the organization within a 14-week timeframe and students benefit from supervision by a faculty committee composed of members with subject-area expertise. Can be taken for 1 - 4 credit hours depending on the project.

## **BIO - Biology**

### **BIO 124 - Biological Science (3)**

This course is a survey of topics in biological sciences for students not majoring in biological or chemical sciences. It is structured in a lecture/discussion format to allow flexibility in pursuit of contemporary topics in biology. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (NS). Offered: fall and spring semesters.

### **BIO 132 - Biogeography and Biomes (3)**

Explores the question, "How did species of plants and animals end up where they are?" The course focuses on the ways that millions of years of geological, oceanographic and climatic processes have directed the evolution of the earth's inhabitants. Topics include the general features of the earth's major biomes, the unique biotic features of the earth's major geographic regions, and the ways in which the study of biogeography has played an important role in the history of science. This course also examines the ways that our own species has been affected by, and continues to influence, the distribution of the planet's species. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (IG) (NS). Offered: Occasionally.

**BIO 183 - Microbiology for the Allied Health Sciences (3)**

Focuses on diseases and the organisms that cause them. These include bacteria, viruses, fungi, rickettsia and disease-causing protozoan. Additionally, the course focuses on infectious disease caused by medical and surgical practices and accidental injuries. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (NS). Offered: fall and spring semesters.

**BIO 198 - General Biology I (3)**

A study of biology, emphasizing cell structure, cell reproduction, cellular and organismal metabolism, cell signaling, immunology, endocrinology and mechanisms and genetic systems of plants and animals. Must be completed with BIO 198L and with a grade of "C" or better to enroll in BIO 199 (General Biology II) and BIO 199L (General Biology II Lab).

Distribution: (NS). Prerequisite: Pre- or corequisites: CHE 152 and CHE 153L. Corequisite: BIO 198L. Offered: fall and spring semesters.

**BIO 198L - General Biology I Laboratory (1)**

A study of biology, emphasizing cell structure, cell reproduction, cellular and organismal metabolism, cell signaling, immunology, endocrinology and mechanisms and genetic systems of plants and animals. Must be completed with BIO 198 (with a grade of "C" or better in both) to enroll in BIO 199 (General Biology II) and BIO 199L (General Biology II Lab).

Prerequisite: Pre- or corequisites: CHE 152 and CHE 153L. Corequisite: BIO 198. Offered: fall and spring semesters.

**BIO 199 - General Biology II (3)**

Examines the diversity of life through investigations of the taxonomy, anatomy, physiology, behavior, ecology and evolution of all major prokaryotic and eukaryotic lineages. Basic ecological and evolutionary theory are focal points of the course, as these represent the mechanisms through which biological and physiological diversity arises.

Distribution: (NS). Prerequisite: BIO 198 and BIO 198L must be completed with a grade of "C" or better in order to enroll in BIO 199 and BIO 199L. Corequisite: BIO 199L. Offered: fall and spring semesters.

**BIO 199L - General Biology II Laboratory (1)**

Examines the diversity of life through investigations of the taxonomy, anatomy, physiology, behavior, ecology and evolution of all major prokaryotic and eukaryotic lineages. Basic ecological and evolutionary theory are focal points of the course, as these represent the mechanisms through which biological and physiological diversity arises.

Prerequisite: BIO 198 and BIO 198L must each be completed with a grade of "C" or better in order to enroll in BIO 199 and BIO 199L. Corequisite: BIO 199. Offered: fall and spring semesters.

**BIO 200 - Genetics (4)**

A detailed survey of Mendelian, molecular and evolutionary genetics. Topics covered include mechanisms and patterns of inheritance, recombination, linkage, mapping, gene expression and regulation, mutation, DNA damage and repair, DNA technologies, population and quantitative genetics.

Distribution: (NS). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 200L. Offered: fall and spring semesters.

**BIO 200L - Genetics Laboratory (0)**

A detailed survey of Mendelian, molecular and evolutionary genetics. Topics covered include mechanisms and patterns of inheritance, recombination, linkage, mapping, gene expression and regulation, mutation, DNA damage and repair, DNA technologies, population and quantitative genetics.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 200. Offered: fall and spring semesters.

**BIO 205 - Tropical Biology and Conservation (4)**

This course is intended for students interested in the natural history, biology and ecology of the tropics, the most biologically diverse region of the world. Students will study evolutionary, ecological and other biological principles of tropical ecosystems and the natural history of the organisms that live there. We will examine conservation programs, sustainable development practices and the widespread impact of this region of the globe. The course culminates in a two-week travel experience where students will visit such places as lowland tropical rain forests, high elevation tropical cloud forests, coastal ecosystems, primary and secondary forests and more. In the field, students will conduct brief research programs designed to illustrate the possibilities of careers working in the tropics over a broad range of biological specialties, ranging from tropical biodiversity, evolution and sustainability to agriculture and medicine.

Distribution: (NS) (Category III). Prerequisite: Biology lower-core curriculum and permission of the instructor. Offered: occasionally in spring semester.

**BIO 212 - Ecology (4)**

Examines relationships between species and their environment. Students explore the contributions of abiotic and biotic factors to limitations in numbers and distributions of organisms. A strong emphasis is placed upon classical ecological issues such as production dynamics, predator-prey interactions, and competition and life history strategies in marine, freshwater and terrestrial ecosystems.



Distribution: (W) (NS) (Category III). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 212L. Offered: occasionally.

#### **BIO 212L - Ecology Laboratory (0)**

Examines relationships between species and their environment. Students explore the contributions of abiotic and biotic factors to limitations in numbers and distributions of organisms. A strong emphasis is placed upon classical ecological issues such as production dynamics, predator-prey interactions, and competition and life history strategies in marine, freshwater and terrestrial ecosystems.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 212. Offered: occasionally.

#### **BIO 224 - Invertebrate Zoology (4)**

A study of the structure, physiology, life histories and group relationships of invertebrate animals.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 224L. Offered: spring semester.

#### **BIO 224L - Invertebrate Zoology Laboratory (0)**

A study of the structure, physiology, life histories and group relationships of invertebrate animals.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 224. Offered: spring semester.

#### **BIO 225 - Vertebrate Zoology (4)**

A study of the structure, ecology, behavior and taxonomy of the major vertebrate classes.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 225L. Offered: fall and spring semesters.

#### **BIO 225L - Vertebrate Zoology Laboratory (0)**

A study of the structure, ecology, behavior and taxonomy of the major vertebrate classes.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 225. Offered: fall and spring semesters.

#### **BIO 227 - Ecological Physiology (4)**

A study of the physiological basis of organismal adaptation to diverse habitats. Covers the environmental parameters impacting animal metabolism and plant productivity with a focus on the major stressors (e.g., water availability, heat, salinity, food supply, oxygen, radiation) in the habitats of each. Major topics include the adaptive and acclimative mechanisms in animals and plants with regard to osmoregulation, excretion, metabolism, respiration, circulation, neuromuscular systems and photosynthesis. The emphasis of the laboratory is on research exploring the adaptive and acclimative strategies employed by organisms under stress and the development of scientific communication skills.

Distribution: (W) (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 227L. Offered: spring semester.

#### **BIO 227L - Ecological Physiology Laboratory (0)**

A study of the physiological basis of organismal adaptation to diverse habitats. Covers the environmental parameters impacting animal metabolism and plant productivity with a focus on the major stressors (e.g., water availability, heat, salinity, food supply, oxygen, radiation) in the habitats of each. Major topics include the adaptive and acclimative mechanisms in animals and plants with regard to osmoregulation, excretion, metabolism, respiration, circulation, neuromuscular systems and photosynthesis. The emphasis of the laboratory is on research exploring the adaptive and acclimative strategies employed by organisms under stress and the development of scientific communication skills.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 227. Offered: spring semester.

#### **BIO 228 - Biology of Plants (4)**

Studies the morphology, anatomy and physiology of vascular plants, with emphasis on plants and their role in human society. Additional emphases are placed upon plants' reproduction, response to environmental change, ethnobotany, medicinal botany and the development and uses of plants in ancient and modern human societies.

Distribution: (W) (NS) (Category II). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 228L. Offered: occasionally.

#### **BIO 228L - Biology of Plants Laboratory (0)**

Studies the morphology, anatomy and physiology of vascular plants, with emphasis on plants and their role in human society. Additional emphases are placed upon plants' reproduction, response to environmental change, ethnobotany, medicinal botany and the development and uses of plants in ancient and modern human societies.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 228. Offered: occasionally.

#### **BIO 230 - Experimental Design and Biostatistics (4)**

Investigates the use of statistical methodology to evaluate biological hypotheses. Topics include basic experimental design, descriptive statistics, and scientific inference and hypothesis testing using statistical tests such as analysis of variance, correlation, regression, contingency tables and nonparametric equivalents. Example data sets drawn from ecology, general biology and biomedical sciences are used to explore concepts. Class time is broken into lecture and laboratory components.

Distribution: (NS) (Category III, PP). Prerequisite: Biology lower-core curriculum. Offered: fall and spring semesters.

#### **BIO 250 - Comparative Vertebrate Anatomy (4)**

Examines vertebrate evolution through a detailed study of the systems of the vertebrates.

Distribution: (NS) (Category II, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 250L. Offered: fall semester.

**BIO 250L - Comparative Vertebrate Anatomy Laboratory (0)**

Examines vertebrate evolution through a detailed study of the systems of the vertebrates.

Prerequisite: Biology lower-core curriculum.  
Corequisite: BIO 250. Offered: fall and spring semesters.

**BIO 301 - Stem Cell Biology (4)**

This course will provide basic and advanced understanding of various stem cells (embryonic, induced pluripotent, adult), nuclear reprogramming (epigenetic, viral, non-viral, mRNA and protein based), potential diseases (neurological, autoimmune, metabolic, genetic, cardiac) treated by stem cells, translational medicine (from lab to bedside), drug discovery, and molecular pathways involved in the development and differentiation of embryonic and adult stem cells.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum and BIO 200.  
Corequisite: BIO 350L. Offered: fall semester.

**BIO 301L - Stem Cell Biology Laboratory (0)**

This course will provide basic and advanced understanding of various stem cells (embryonic, induced pluripotent, adult), nuclear reprogramming (epigenetic, viral, non-viral, mRNA and protein based), potential diseases (neurological, autoimmune, metabolic, genetic, cardiac) treated by stem cells, translational medicine (from lab to bedside), drug discovery, and molecular pathways involved in the development and differentiation of embryonic and adult stem cells.

Prerequisite: Biology lower-core curriculum and BIO 200. Corequisite: BIO 301. Offered: fall semester.

**BIO 302 - Clinical Anatomy (4)**

This course examines the relationship between anatomy and the clinical reasoning skills used in medical diagnostics. The course relies on anatomical knowledge gleaned from dissections of model organisms as well as human prosections. This course is intended for advanced undergraduates with intentions of pursuing a career in the health professions.

Distribution: (NS) (Category II, PP). Prerequisite: Biology lower-core curriculum and BIO 250.  
Corequisite: BIO 302L. Offered: spring semesters of even years.

**BIO 302L - Clinical Anatomy Laboratory (0)**

This course examines the relationship between anatomy and the clinical reasoning skills used in medical diagnostics. The course relies on anatomical knowledge gleaned from dissections of model organisms as well as human prosections. This course is intended for advanced undergraduates with intentions of pursuing a career in the health professions.

Prerequisite: Biology lower-core curriculum and BIO 250. Corequisite: BIO 302. Offered: spring semesters of even years.

**BIO 307 - Microbiology (4)**

A study of the structure, function and taxonomy of microorganisms, and their interactions with humans and their environment.

Distribution: (W) (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 307L. Offered: fall and spring semesters.

**BIO 307L - Microbiology Laboratory (0)**

A study of the structure, function and taxonomy of microorganisms, and their interactions with humans and their environment.

Prerequisite: Biology lower-core curriculum.  
Corequisite: BIO 307. Offered: fall and spring semesters.

**BIO 310 - Developmental Biology (4)**

A study of the developmental process in animals with emphases on cellular mechanisms, controlling development and morphology of embryos.

Distribution: (W) (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum; BIO 200; BIO 250 recommended. . Corequisite: BIO 310L. Offered: spring semester.

**BIO 310L - Developmental Biology Laboratory (0)**

A study of the developmental process in animals with emphases on cellular mechanisms, controlling development and morphology of embryos.

Prerequisite: Biology lower-core curriculum; BIO 200; BIO 250 recommended. Corequisite: BIO 310. Offered: spring semester.

**BIO 315 - Virology (4)**

This course will introduce concepts in modern virology, with an emphasis on virus genetics, replication strategies, host-virus interactions, pathogenesis, diagnosis, and prevention and control of virus infections.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 315L. Offered: fall semester.

**BIO 315L - Virology Laboratory (0)**

This course will focus on laboratory techniques and methodology used in modern virology, with an emphasis on virus isolation, characterization and cellular interactions.

Prerequisite: Biology lower-core curriculum.  
Corequisite: BIO 315. Offered: fall semester.

**BIO 317 - Parasitology (4)**

A study of the major groups of parasites, emphasizing those affecting humans and domesticated animals. Examines the morphology, life history, ecology and pathogenicity of each parasite.

Distribution: (NS) (Category II, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 317L. Offered: fall semester.

**BIO 317L - Parasitology Laboratory (0)**

A study of the major groups of parasites, emphasizing those affecting humans and domesticated animals.

Examines the morphology, life history, ecology and pathogenicity of each parasite.

Prerequisite: Biology lower-core curriculum.  
Corequisite: BIO 317. Offered: fall semester.

### **BIO 330 - General Physiology (4)**

A study of the major physiological systems of animals from a comparative perspective. Covers functional anatomy, homeostasis, evolutionary relationships, neurophysiology, dynamics of muscle contraction, endocrinology, cardiovascular physiology and environmental physiology.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 330L. Offered: fall semester.

### **BIO 330L - General Physiology Laboratory (0)**

A study of the major physiological systems of animals from a comparative perspective. Covers functional anatomy, homeostasis, evolutionary relationships, neurophysiology, dynamics of muscle contraction, endocrinology, cardiovascular physiology and environmental physiology.

Prerequisite: Biology lower-core curriculum.  
Corequisite: BIO 330. Offered: fall semester.

### **BIO 340 - Ichthyology (4)**

Examines the relationship between the unifying biological principles of evolutionary adaptation and the diversity of form and function found among fishes. The course considers the physical and biological selective pressures this group of vertebrates has faced during its evolutionary history and the morphological, physiological, developmental and behavioral adaptations that have arisen in response to these ecological factors. How fishes function in marine and freshwater ecosystems and the management actions being taken to conserve them as natural resources are examined.

Distribution: (W) (NS) (Category II). Prerequisite: Biology lower-core curriculum and BIO 225 or 250.  
Corequisite: BIO 340L. Offered: spring semester.

### **BIO 340L - Ichthyology Laboratory (0)**

Examines the relationship between the unifying biological principles of evolutionary adaptation and the diversity of form and function found among fishes. The course considers the physical and biological selective pressures this group of vertebrates has faced during its evolutionary history and the morphological, physiological, developmental and behavioral adaptations that have arisen in response to these ecological factors. How fishes function in marine and freshwater ecosystems and the management actions being taken to conserve them as natural resources are examined.

Prerequisite: Biology lower-core curriculum and BIO 225 or BIO 250. Corequisite: BIO 340. Offered: spring semester.

### **BIO 345 - Field Ornithology Lecture (4)**

Field Ornithology is an excursion-based, experiential learning opportunity with the goal of teaching students about birds and their habitats. Bird identification, anatomy, physiology, behavior, and biogeography are introduced in the classroom, and reinforced in the field. Course lectures are supplemented by weekly field trips to various locations in and around the Tampa Bay area where students encounter wild birds in their habitats.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum: At least one category II or category III course, or Ecophysiology (BIO 227), or Conservation, Evolutionary and Ecological Genetics (BIO 355) recommended. Corequisite: BIO 345L. Offered: occasionally.

### **BIO 345L - Field Ornithology Laboratory (0)**

Field Ornithology is an excursion-based, experiential learning opportunity with the goal of teaching students about birds and their habitats. Bird identification, anatomy, physiology, behavior, and biogeography are introduced in the classroom, and reinforced in the field. Course lectures are supplemented by weekly field trips to various locations in and around the Tampa Bay area where students encounter wild birds in their habitats.

Prerequisite: Biology lower-core curriculum: At least one category II or category III course, or Ecophysiology (BIO 227), or Conservation, Evolutionary and Ecological Genetics (BIO 355) recommended. Corequisite: BIO 345L. Offered: occasionally.

### **BIO 350 - Cell Biology (4)**

A study of general cellular organization, the physico-chemical aspects of living systems, cell energetics, cell membrane systems, signal transduction and second messenger systems, membrane phenomenon and cell cycle.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum and BIO 200.  
Corequisite: BIO 350L. Offered: spring semester.

### **BIO 350L - Cell Biology Laboratory (0)**

A study of general cellular organization, the physico-chemical aspects of living systems, cell energetics, cell membrane systems, signal transduction and second messenger systems, membrane phenomenon and cell cycle.

Prerequisite: Biology lower-core curriculum and BIO 200. Corequisite: BIO 350. Offered: spring semester.

### **BIO 355 - Conservation, Evolutionary and Ecological Genetics (4)**

Uses an inquiry-based approach to explore how genetic data are used to answer research questions in conservation, evolution and ecology. The course focuses on the main approaches and limitations to selecting genetic markers, collecting and analyzing genetic data, that are used in current research. For example, we will cover genealogical data (e.g., DNA sequence), codominant allele data (e.g., microsatellite), expression data (e.g., cDNA) and single nucleotide polymorphism (SNP) data. Topics will be broached as

hypothetical research questions are brought to the class by students.

Distribution: (NS) (Category I). Prerequisite: Biology lower-core curriculum and BIO 200. Corequisite: BIO 355L. Offered: spring semester.

### **BIO 355L - Conservation, Evolutionary and Ecological Genetics Laboratory (0)**

The laboratory includes hands-on wet lab data collection, data analysis and discussion of current research.

Prerequisite: Biology lower-core curriculum and BIO 200. Corequisite: BIO 355. Offered: spring semester .

### **BIO 360 - Immunology (4)**

A study of the fundamental concepts of immunology, including the essentials of immunological expression, cellular and humoral immunity, immunity and disease, auto-immunity, and developmental and comparative immunology, focusing on landmark experiments that underlie its theoretical framework.

Distribution: (W) (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum and CHE 232; BIO 307 is recommended. Corequisite: BIO 360L. Offered: spring semester.

### **BIO 360L - Immunology Laboratory (0)**

A study of the fundamental concepts of immunology, including the essentials of immunological expression, cellular and humoral immunity, immunity and disease, auto-immunity, and developmental and comparative immunology, focusing on landmark experiments that underlie its theoretical framework.

Prerequisite: Biology lower-core curriculum and CHE 232; BIO 307 is recommended. Corequisite: BIO 360. Offered: spring semester.

### **BIO 370 - Molecular Biology (4)**

Provides a background in molecular biology with a focus on the regulation of gene expression and the experimental approaches used to study this regulation. Topics include DNA replication, transcription, translation and the mechanisms that regulate these processes. Cancer genetics and mammalian coat color genetics also are discussed as models for gene regulation. The laboratory portion of the course provides experiential learning of some of the laboratory techniques discussed in lecture. Topics covered in the laboratory include DNA extraction, PCR cloning of a gene, gene expression analysis, DNA sequencing and analysis using bioinformatics.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 370L. Offered: fall and spring semesters.

### **BIO 370L - Molecular Biology Laboratory (0)**

Provides a background in molecular biology with a focus on the regulation of gene expression and the experimental approaches used to study this regulation. Topics include DNA replication, transcription, translation and the mechanisms that regulate these processes. Cancer genetics and mammalian coat color

genetics also are discussed as models for gene regulation. The laboratory portion of the course provides experiential learning of some of the laboratory techniques discussed in lecture. Topics covered in the laboratory include DNA extraction, PCR cloning of a gene, gene expression analysis, DNA sequencing and analysis using bioinformatics.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 370. Offered: fall and spring semesters.

### **BIO 380 - Behavioral Biology (4)**

Course focuses on historical knowledge and recent advances concerning the evolution and adaptive significance of behavior from a comparative point of view. Topics include the genetic basis of behavior, the nervous system and integration of behavior, and social behavior, including mating and reproduction, predator-prey relationships and the biological bases of aggression, territoriality and communication. Students will develop their communication skills as part of the writing-intensive requirement, learning about discipline-specific writing and research processes that engage course topics through formal and informal writing assignments, with opportunities for in-class discussion of the material, through student-led formal discussions and professor-led informal discussions.

Distribution: (W) (NS) (Category III, PP). Prerequisite: Biology lower-core curriculum or equivalent. Corequisite: BIO 380L. Offered: fall semester.

### **BIO 380L - Behavioral Biology Discussion (0)**

Companion course to BIO 380 explores course concepts in more detail. Laboratory exercises will investigate research methods in behavior, behavioral genetics, sensory systems and communication, animal motivation and personalities, optimal foraging, habitat preference, reproduction and mating systems, and parental care, using a range of live animal, video recordings, and simulations. In addition, scientific writing will be investigated through the preparation of a grant on a behavioral topic of the students choice. One weekend field trip to Lowry Park Zoo is required.

Prerequisite: Biology lower-core curriculum or equivalent. Corequisite: BIO 380. Offered: fall semester.

### **BIO 390 - Essentials of Electron Microscopy (4)**

Introduces the techniques used in preparation and viewing of biological specimens on the scanning and transmission electron microscopes.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum and consent of instructor. Corequisite: BIO 390L. Offered: spring semester.

### **BIO 390L - Essentials of Electron Laboratory (0)**

Introduces the techniques used in preparation and viewing of biological specimens on the scanning and transmission electron microscopes.

Prerequisite: Biology lower-core curriculum and consent of instructor. Corequisite: BIO 390. Offered: spring semester.

#### **BIO 395 - Disease Ecology (4)**

Course focuses on disease dynamics and host-pathogen interactions in complex natural environments. We will investigate the ecological phenomena that drive the transmission of pathogens among hosts, the impact of disease on host populations, and investigate what impacts the emergence of an infectious disease. We will explore wildlife and human diseases (e.g. White nose syndrome, influenza, malaria, Ebola, HIV, Chytridiomycosis). A discussion section will present the historical and current primary literature allowing us to explore disease epidemics more in-depth. Students will develop critical thinking, problem solving, and communication skills through discussion and student-led presentation-based learning.

Distribution: (NS) (Category III, PP). Prerequisite: Biology lower-core curriculum. Offered: occasionally.

#### **BIO 400 - Evolution (4)**

A study of the scientific foundations of evolutionary theory and the mechanisms responsible for evolutionary change. Topics covered include a historical perspective of evolution, origin of life, natural selection and adaptation, levels of selection, fitness concepts, speciation, Darwinian evolution and punctuated equilibria, extinction, the fossil record, life history evolution and human evolution. Lecture only.

Distribution: (NS) (Category III, PP). Prerequisite: Biology lower-core curriculum. Offered: occasionally.

#### **BIO 401 - On the Origin of Species (2-4)**

This course highlights the historic and modern relationships between the study of biology and the shaping of evolutionary theory. Students learn about Charles Darwin and his contemporaries as well as modern research on evolution and zoology with particular emphasis on zoology, paleontology, and related fields as they develop and persist in British culture. The course co-requisite (BIO 401A Darwin's London) requires travel to London and surrounding areas, allowing greater depth of study on topics ranging from natural selection and evolution to paleontology, the history of the biological sciences, and the vertebrate diversity of England.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum, any Biology Category II or Category III course, and Permission of Instructor. . Corequisite: BIO 401A.

#### **BIO 401A - Darwin's London (2-4)**

This short-term study abroad course is the companion to BIO 401 Origin of Species and requires travel to London and surrounding areas. The study abroad component of the course highlights the historic and modern relationships between the study of biology and the shaping of evolutionary theory and incorporates visits to historically important research

facilities that inspired Charles Darwin and continue to inspire scientists today.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum, any Biology Category II or Category III course, and Permission of Instructor. Corequisite: BIO 401.

#### **BIO 405 - Human Evolution (4)**

A study of the evolution of humans, beginning with the origin of primates. Course includes emphases on evolutionary phenomena, morphological and molecular evolution, extinct and modern human diversity, primate behavior, and human functional anatomy and paleontology.

Distribution: (IG) (NS) (Category II, PP). Prerequisite: Biology lower-core curriculum: BIO 225, BIO 250 or BIO 400 recommended. Corequisite: BIO 405L. Offered: spring semester of odd years.

#### **BIO 405L - Human Evolution Laboratory (0)**

A study of the evolution of humans, beginning with the origin of primates. Course includes emphases on evolutionary phenomena, morphological and molecular evolution, extinct and modern human diversity, primate behavior and human functional anatomy and paleontology.

Prerequisite: Biology lower-core curriculum; BIO 225, BIO 250, or BIO 400 recommended. Corequisite: BIO 405. Offered: spring semester of odd years.

#### **BIO 407 - Fermentation Microbiology (3)**

This course focuses on applications of microbial metabolism in food production. Topics will include types and sources of microorganisms in food fermentations, metabolic activities of microorganisms and their influence on product characteristics, microbial interactions, processing of fermented foods, industrial applications of microbiology, and problems that may arise during fermentation. Focus will be on the microbiology in production of cheese, beer, wine, yogurt, bread, chocolate, coffee, and sausage.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum, BIO 307, and permission of the instructor. . Corequisite: BIO 407A. Offered: occasionally in spring semester.

#### **BIO 407A - Fermented Foods: From Art to Science (1)**

This short-term study abroad course is the companion to BIO 407 : Fermentation Microbiology and requires travel to France and Belgium. The study abroad component of the course highlights the history of fermented foods as well as the modern industrial application of microbiology to food production.

Distribution: (NS) (Category II). . Prerequisite: Biology lower-core curriculum, BIO 307, and permission of the instructor. . Corequisite: BIO 407. Offered: occasionally in spring semester.

#### **BIO 408 - Bioinformatics and Genomics (4)**

This course introduces fundamental concepts, algorithms and methods in bioinformatics and

genomics. Topics include, but are not limited to: pairwise sequence alignment, multiple sequence alignment, biological database searching, phylogenetic analysis, protein structure prediction, genome annotation and comparative genomics. The course introduces the use of computer programming and various computational tools to analyze biological data. Understanding of bioinformatics methods and the practical application of these methods are emphasized. No prior programming experience is necessary.

Distribution: (NS) (Category I, PP). Prerequisite: Biology lower-core curriculum and one of the following: BIO 200, BIO 370, or CHE 320. Corequisite: BIO 408L. Offered: fall semester.

### **BIO 408L - Bioinformatics and Genomics Laboratory (0)**

This course introduces fundamental concepts, algorithms and methods in bioinformatics and genomics. Topics include, but are not limited to: pairwise sequence alignment, multiple sequence alignment, biological database searching, phylogenetic analysis, protein structure prediction, genome annotation and comparative genomics. The course introduces the use of computer programming and various computational tools to analyze biological data. Understanding of bioinformatics methods and the practical application of these methods are emphasized. No prior programming experience is necessary.

Prerequisite: Biology lower-core curriculum and one of the following: BIO 200, BIO 370 or CHE 320. Corequisite: BIO 408. Offered: fall semester.

### **BIO 409 - Programming for Biology (4)**

This course will introduce the Python and R programming languages with respect to biological sequence analysis. The BioPython module in Python and the Bioconductor package in R will be used to introduce programming concepts, with emphasis on analyzing big genomic data produced by high throughput sequencing technologies. Development of computational pipelines will be performed and various free bioinformatics software tools will be integrated with Python and R to analyze biological sequence data. No prior programming experience is necessary.

Distribution: (NS). Prerequisite: Biology lower-core curriculum and one of the following: BIO 200, BIO 370, BIO 230 or BIO 408, or permission of instructor. . Offered: spring semester.

### **BIO 410 - Senior Seminar (1)**

An in-depth study of a current topic in biology. Requires independent study project and presentation.

Distribution: (NS). Prerequisite: Senior standing in biology or marine science. Offered: fall and spring semesters.

### **BIO 411 - Biology Outcomes Capstone (0)**

This course consists of a capstone exam and a senior skills and attitudes survey, both of which are required of all departmental majors in their final 14-week

semester. The capstone exam provides a framework for students to synthesize their comprehension of cell biology, molecular biology, genetics, organismal biology, population biology, evolution and ecology and gauges the preparedness of students to address scientific problems at a wide range of levels of biological organization. The final comprehensive exam serves as an overview of the areas of applied knowledge that are infused in the biology departments major programs. The skills and attitudes survey provides a framework for students to reflect on and provide an indirect measure of their understanding of the process and methodology of science as well as student preparedness to make informed decisions about complex scientific issues. Graded: S/U.

Prerequisite: Senior standing in all majors offered through the Department of Biology. Must be taken during graduation semester. Offered: fall and spring semesters.

### **BIO 420 - Recent Discoveries in Biology (1)**

This advanced biology course will focus on analysis and presentation of published research articles. Students will also attend and critique biology research seminars. Themes ranging from molecular to organismal biology will be explored. This course will be of particular interest to advanced Biology students who plan to pursue graduate or professional degrees.

Distribution: (NS). Prerequisite: Students must have completed the Biology lower-core and either General Genetics or Molecular Genetics and have a minimum GPA of 3.0 and have senior status or permission of instructor. . Offered: occasionally.

### **BIO 440 - Selected Topics in Biology (2-6)**

Students select a topic of interest in biology and explore the subject thoroughly through directed literature-based research. Requires at least two hours each week for each credit attempted and a formal paper with extensive literature review. Oral presentation of results can be used in place of BIO 410 with permission of department chair. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Distribution: (W). Prerequisite: At least 16 credit hours in biology, and faculty and department chair permission. Offered: fall and spring semesters.

### **BIO 445 - Biological Research (2-6)**

Research questions must be selected with the professor in charge of the project with approval from the department chair. Requires at least two hours each week for each credit attempted. Oral presentation of results can be used in place of BIO 410 with permission of department chair. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Distribution: (NS). Prerequisite: At least 16 credit hours in biology, and faculty and department chair consent. Offered: fall and spring semesters.

**BIO 450 - Biological Research - Capstone (2-6)**

Research topics must be selected in consultation with the professor in charge of the project with approval from the department chair. Usually requires preliminary library or laboratory research prior to attempting a BIO 450 project (volunteer research, BIO 440 or BIO 445 recommended). Requires at least two hours each week for each credit attempted, a research paper and oral presentation of topic. Oral presentation of results can be used in place of BIO 410 with permission of department chair. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Distribution: (W) (NS). Prerequisite: At least 16 credit hours in biology, and faculty and department chair permission. Offered: fall and spring semesters.

**BIO 480 - Biology Laboratory Practicum (1)**

Through direct involvement both in and out of the classroom students gain practical knowledge of instruction in a college biology laboratory. Under the supervision of faculty, students are involved in the aspects pertaining to teaching a semester's biology laboratory. This may include but is not limited to presenting introductory material, aiding students during laboratories, development and critique of evaluation component(s), and laboratory preparation and maintenance. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Distribution: (NS). Prerequisite: Permission of the instructor. Offered: fall and spring semesters.

**BIO 490 - Biological Internship (1-8)**

Provides practical experience in science-related programs in a firm or agency under the supervision of faculty and firm representatives. Can be accomplished on a part-time or full-time basis. Graded on a pass/fail basis. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Prerequisite: BIO 198 and BIO 199, 56 credit hours, minimum GPA of 3.0 in the major or approval of the department. Note: Prerequisite courses may be specified by the employer. Offered: Offered as needed.

**BIO 495 - Special Topics (1-4)**

A lecture or laboratory course offered at the discretion of the Department of Biology. Subject may focus on a current issue in biology, training in a specific research technique or an area of biology that is of interest to a particular group of students. Counts as general elective credit only and therefore may not be used as an upper level biology elective.

Prerequisite: Permission of instructor. Offered: fall and spring semesters.

**BIT - Business Information Technology****BIT 275 - Information Technology Business Concepts (4)**

This course discusses the need of the organization to understand business challenges and utilize emerging technologies in order to contribute to the decision-making process. Students learn how to deliver value and manage business capabilities through incorporating IT solutions. An emphasis is placed on discussing the role of a "hybrid business manager," implementing appropriate business-driven technologies and managing IT organizational projects. This course includes concepts and issues critical in the globalization of business operations and information technology.

Prerequisite: ITM 220. Offered: fall semester.

**BIT 345 - Web and Mobile Technology Applications (4)**

This course provides the foundation for understanding the design and implementation of web and mobile technologies with a specific emphasis on their application for businesses. The course focuses on the design, creation, and administration of user-centric mobile and web applications using contemporary tools.

Prerequisite: Prerequisite or Corequisite: BIT 275. Offered: fall semester.

**BIT 365 - Business Database Technology (4)**

The course introduces data management concepts and skills relevant to a business professional. Topics covered include data analysis, data flow, data stewardship, database management systems, information security, logical data modeling, privacy, retrieving data (SQL, structured query language), and emerging topics relevant to an organization's data use and management. Upon completion, students will develop skills to analyze business problems, create data-related requirements, and recommend contemporary data management solutions.

Prerequisite: Prerequisite or Corequisite: BIT 275. Offered: fall semester.

**BIT 475 - Technology Solutions for Business (4)**

This course introduces several technology solutions to support business strategies and objectives that enable businesses to succeed in a competitive global business environment. An emphasis is placed on the discussion of cloud and technology solutions to support business decision making processes, supply chain systems, customer relationship management, monitoring and evaluation systems, and integration of an organization through enterprise resource planning.

Prerequisite: BIT 345, BIT 365. Offered: spring semester.

**BUS - Business****BUS 101 - Introduction to Global Business (4)**

This course introduces students to the way companies operate and how they compete with other companies, locally and globally. Students learn about

the functional areas of business and how they work together in a successful organization. In addition, through experiential activities, students explore current issues in business, how global trade takes place, the importance of ethical behavior, the role of leadership, and the use of technology to improve a company's performance.

Distribution: (IG). Prerequisite: Pre-requisite or co-requisite of AWR 101 or equivalent. Co-requisite BAC 100. Available to declared COB majors, business minors, marketing minors, biology-business majors, liberal studies majors, AD/PR majors or by permission of COB associate dean during the fall and spring semesters. Open to all during the summer. Corequisite: AWR 101 and BAC 100. Offered: fall, spring and summer semesters.

#### **BUS 221 - Business Law and Social Responsibility (4)**

Study of the legal, moral and ethical structures in business. Topics include contracts, legal framework, constitutional law, business crimes, business torts, business entities and enterprise responsibilities to society.

Prerequisite: BUS 101. Offered: fall, spring and summer semesters.

#### **BUS 550 - Commercial Law for Financial Professionals (4)**

Study of legal issues involving accounting and financial professionals. Topics addressed include uniform commercial code sales, secured transactions, negotiable instruments and banking, along with creditor's rights, agency, enterprise organizations, securities, professional licensing/regulation and the legal liability of accountants.

Prerequisite: BUS 221. Offered: fall, spring and summer semesters.

#### **BUS 689 - International Residency (4)**

This course is designed to give students an opportunity to develop personal familiarity with the global business environment. By combining academic lectures in various functional areas of business and visits with local companies and governmental representatives, students are able to gain in-depth understanding of the local business environment and how it is influenced by economic, legal/political, and sociocultural factors.

#### **BUS 697 - Career and Leadership Development (2)**

This course sets the stage for students' professional and career development throughout their years at UT and beyond through a highly intensive, personal approach that entails not only classroom sessions but one-on-one coaching and mentoring. Students will focus specifically on the creation of a strategic career management plan and development of leadership knowledge and skills.

Prerequisite: MGT 598. Offered: every semester.

#### **BUS 698 - Professional Development Practicum (4)**

For graduate students only. BUS 698 allows students to design a set of educational experiences to best meet the students learning needs and career aspirations. In order to fulfill the course requirements, each student selects from a well-defined list of activities covering a spectrum of business experiences including leadership certification, research projects, service learning projects, career development seminars, SAP certification workshops, travel study courses and internships.

Offered: fall, spring and summer semesters.

## **CAR - Career Services**

#### **CAR 201 - Career Decision Making (1)**

For second-semester freshmen and sophomores, incoming transfer students (freshman or sophomore status) and sophomores who have not yet declared a major or who are uncertain about their previously declared major. Students gain an understanding of the process of career decision-making. They explore interests, skills, values and personality and learn how they relate to major and career choices.

Offered: fall and spring semesters.

#### **CAR 401 - Job Search Strategies (1)**

Covers current trends of job searching. Resume development, interviewing techniques, proper correspondence, resumes for the Internet, and job searching through various media are addressed through professional lectures, research methods, guest lecturers and class assignments. Seven week course.

Prerequisite: Senior standing. Offered: fall and spring semesters.

## **CHE - Chemistry**

#### **CHE 126 - Chemistry and Society (3)**

Designed for non-science majors. Introduces the basic concepts of chemistry and examines them in terms of real-world examples. Satisfies general distribution requirements. Requires proficiency in mathematics skills developed in MAT 150. Lecture only.

Distribution: (NS). Offered: fall, spring and summer I or II.

#### **CHE 128 - Introductory Chemistry (3)**

This course deals with the fundamental principles of chemical science and basic calculations in science. Topics include scientific measurement, states of matter, solution chemistry, acid-base theory, chemical equilibrium, and oxidation-reduction reactions. This course is intended for science majors as preparation for taking CHE 150/152/153L. Satisfies general curriculum distribution requirements. Lecture only. For CNHS majors only.

Distribution: (NS). Offered: fall and spring.



**CHE 150 - Chemistry for Health Care Professions (4)**

Investigates the fundamental principles of general chemistry, organic chemistry and biochemistry. Topics include chemical bonding, nomenclature, gases, states of matter, solutions, acid and base theory, equilibrium and oxidation-reduction, organic functional groups, stereochemistry, carbohydrates, lipids, proteins and nucleic acids. Lecture only.

Distribution: (NS). Prerequisite: MAT 150 or equivalent. Offered: fall, spring and summer.

**CHE 152 - General Chemistry I (3)**

Expands on the basic concepts of chemistry. Topics include chemical nomenclature, stoichiometric relationships, the chemistry of gases, atomic structure, chemical bonding and molecular geometry.

Distribution: (NS). Prerequisite: MAT 160 or equivalent. Students failing to meet the MAT 160 prerequisite are strongly recommended to take CHE 128 concurrently with MAT 160. Pre- or corequisite: CHE 153L (with a grade of "C" or better). High school or college preparatory chemistry strongly recommended. Offered: fall, spring and summer I.

**CHE 153L - General Chemistry I Laboratory (1)**

Laboratory experiments supplement lecture material presented in CHE 152.

Prerequisite: Pre- or corequisite: CHE 152 (with a grade of "C" or better). Offered: fall, spring and summer I.

**CHE 154 - General Chemistry II (3)**

A continuation of General Chemistry I. Topics include solution chemistry, kinetics, equilibrium, thermodynamics, electrochemistry and nuclear chemistry.

Distribution: (NS). Prerequisite: CHE 152 and CHE 153L (both with a grade of "C" or better). Pre- or corequisites: CHE 155L (with a grade of "C" or better) and MAT 170. Offered: fall, spring and summer II.

**CHE 155L - General Chemistry II Laboratory (1)**

Laboratory experiments supplement lecture material presented in CHE 154.

Prerequisite: CHE 152 and CHE 153L (both with a grade of "C" or better). Pre- or corequisite: CHE 154 (with a grade of "C" or better). Offered: fall, spring and summer II.

**CHE 165 - Chemistry and Art (2-4)**

A science course designed to teach concepts of chemistry using works of art as the context. The course may include the study of materials used in creation of objects of art, art preservation, art restoration, forgery detection and nondestructive testing. The course will also explore the effect of environmental pollution, primarily air, on the stability and longevity of objects of art. The influence of materials on aesthetics will also be included. Lecture only.

Distribution: (A) (NS). Offered: Varies when offered.

**CHE 165A - Chemistry and Art: Travel (2)**

Required travel portion for CHE 165. As they travel through the country of Italy, students will be able to experience works of art while making important connections to chemistry concepts discussed in lecture. These topics include: glass and tile mosaics; paintings on canvas and wood; frescos; marble and metal sculptures; protection, restoration, and preservation of art; and the chemistry of color and pigments.

Distribution: (A) (NS). Offered: Varies when offered.

**CHE 180 - Environmental Chemistry (3)**

Provides an introduction to the chemistry of the processes involved in air, water and soil pollution, and covers techniques and methods used by state and federal regulatory agencies. Does not apply toward a major or a minor in chemistry. Lecture only.

Distribution: (NS). Prerequisite: CHE 154 and CHE 155L (both with a grade of "C" or better). Offered: spring.

**CHE 232 - Organic Chemistry I (3)**

A study of the chemical properties and reactions of carbon and its derivatives. Topics include bonding, nomenclature, stereo chemistry, substitution, elimination and free radical reactions, organometallic compounds, infrared and nuclear magnetic resonance spectroscopy and the chemistry of alkyl halides, alcohols, epoxides, glycols, alkenes and alkynes.

Distribution: (NS). Prerequisite: CHE 154 and CHE 155L (both with a grade of "C" or better). Pre- or corequisite: CHE 233L (with a grade of "C" or better). Offered: fall, spring, and summer I.

**CHE 233L - Organic Chemistry I Laboratory (1)**

Experiments focus on organic techniques used in the purification of liquids and solids and in structural elucidation. Emphasis is on the acquisition of basic organic laboratory skills, including communication of the results of scientific work. Over the course of the academic term, between nine and twelve experiments are conducted and students are required to keep a detailed laboratory notebook and submit discipline-specific formal laboratory reports on selected experiments. To effectively emulate the experience of professional science communication, training in report writing as well as peer review and iterative revision are incorporated in the report assignments.

Distribution: (W). Prerequisite: Pre- or corequisite: CHE 232 (with a grade of "C" or better). Offered: fall, spring, and summer I.

**CHE 234 - Organic Chemistry II (3)**

A continuation of Organic Chemistry I. Topics include the chemistry of benzene, aldehydes, ketones, carboxylic acids and their derivatives, amines, polycyclic and heterocyclic compounds, condensation reactions and special topics such as carbohydrates, amino acids, proteins or pericyclic reactions.

Distribution: (NS). Prerequisite: CHE 232 and CHE 233L (both with a grade of "C" or better). Pre- or

corequisite: CHE 235L (with a grade of "C" or better). Offered: fall, spring, and summer II.

### **CHE 235L - Organic Chemistry II Laboratory (1)**

Experiments involve organic synthesis and physical methods in organic chemistry including IR and NMR spectroscopy. Emphasis is on the acquisition of advancing organic laboratory skills, including communication of the results of scientific work. Over the course of the academic term, between nine and twelve experiments are conducted and students are required to keep a detailed laboratory notebook and submit discipline-specific formal laboratory reports on selected experiments. To effectively emulate the experience of professional science communication, training in report writing as well as peer review and iterative revision are incorporated in the report assignments.

Distribution: (W). Prerequisite: Pre- or corequisite: CHE 234 (with a grade of "C" or better). Offered: fall, spring, and summer II.

### **CHE 242 - Medicinal Chemistry I (1)**

This course offers an introduction of the chemical and biological properties and reactions of medicinal compounds and their metabolites. Topics include: the chemistry of bonding, nomenclature, stereochemistry, geometry and pharmacology. Students will be given the opportunity to present on disease-related topics and their respective treatments.

Distribution: (NS). Prerequisite: CHE 154 and CHE 155L (both with a grade of "C" or better). Pre- or corequisite: CHE 232. Offered: varies when offered.

### **CHE 244 - Medicinal Chemistry II (1)**

This course offers an introduction of the synthesis, chemical and biological properties and reactions of medicinal compounds and their metabolites. Topics include: the chemistry of bonding, nomenclature, stereochemistry, geometry and pharmacology. Students will be given the opportunity to present on disease-related topics and their respective treatments.

Distribution: (NS). Prerequisite: CHE 232 and CHE 233L (both with a grade of "C" or better). Pre- or corequisite: CHE 234. Offered: varies when offered.

### **CHE 245 - Intermediate Inorganic Chemistry (4)**

An introduction to the basic principles of bonding with an introduction to molecular orbital theory. An extensive survey of the periodic properties of the elements supplemented with representative reactions for the main group elements. Additional topics include acid and base theory and crystal field theory for the first row transition elements. Lecture and laboratory.

Distribution: (NS). Prerequisite: CHE 154 and CHE 155L (both with a grade of "C" or better). Concurrent: CHE 245L. Offered: spring.

### **CHE 245L - Intermediate Inorganic Chemistry Laboratory (0)**

Laboratory component of CHE 245.

Prerequisite: Concurrent: CHE 245. Offered: spring.

### **CHE 305 - Applied Physical Chemistry (3)**

An introduction to principles and applications of physical chemistry. Topics include states and properties of matter, thermodynamics and its application to chemical and biochemical systems, phase and chemical equilibrium, electrochemistry and chemical kinetics. Lecture only.

Distribution: (NS). Prerequisite: MAT 260 (with a grade of "C" or better) and either PHY 200 or PHY 205. Pre- or corequisite: CHE 310 (with a grade of "C" or better). Offered: fall and spring.

### **CHE 310 - Analytical Chemistry (4)**

An advanced treatment of chemical equilibrium and its application to the quantitative analysis of materials. Emphasizes gravimetric, volumetric, spectrophotometric and potentiometric methods of analysis. Lecture and laboratory.

Distribution: (NS). Prerequisite: CHE 154 and CHE 155L (both with a grade of "C" or better). Concurrent: CHE 310L. Offered: fall and spring.

### **CHE 310L - Analytical Chemistry Laboratory (0)**

Laboratory component of CHE 310.

Prerequisite: Concurrent: CHE 310. Offered: fall and spring.

### **CHE 315 - Chemical Oceanography (3)**

The ocean is the largest aqueous mixture on the planet, and this course is an introduction to the chemistry of the seas. Chemical oceanography is one of the four major fields of oceanography and requires an interdisciplinary approach to understand the biological, chemical, geological and physical processes that affect seawater constituents. The composition of seawater and its spatial and temporal variations will be the primary focus of the course. Interactions at the boundaries of the ocean with the atmosphere, sediments and seafloor that affect seawater chemistry will be explored.

Prerequisite: BIO 198, BIO 198L, CHE 234, CHE 235L, MAR 200, and MAT 260 (each with a grade of "C" or better). Offered: fall.

### **CHE 320 - Biochemistry (3)**

A study of the chemical properties and biological functions of the atoms, molecules, macromolecules and macromolecular complexes that contribute to living systems. Topics include pH; structure and function of carbohydrates, proteins, lipids and nucleic acids; enzyme kinetics; and the major metabolic cycles and their cellular control processes. Lecture only.

Distribution: (NS). Prerequisite: CHE 234 and CHE 235L (both with a grade of "C" or better). Offered: fall, spring and summer.

### **CHE 320L - Biochemistry Laboratory (1)**

This laboratory course is designed to supplement lecture material discussed in CHE 320 (Biochemistry). Topics to be discussed and experiments performed by students include buffer composition and analysis; protein purification and quantitation; enzyme kinetics

and inhibition; nucleic acid purification and quantification; and ligand binding and equilibrium analysis.

CHE 320L is only required for Biochemistry and Forensic Science majors. Other students enrolled in or who have previously completed CHE 320 (lecture) with a grade of at least a C may register for the lab.

Prerequisite: Pre- or corequisite: CHE 320 (with a grade of "C" or better). Offered: fall and spring.

### **CHE 325 - Biochemistry of Metabolism (3)**

This course extends the basic biochemistry (CHE 320) curriculum and provides a more comprehensive foundation. Topics covered in the lecture component include: glycolysis and gluconeogenesis, the citric acid cycle, oxidative phosphorylation and photosynthesis, the Calvin cycle and pentose phosphate pathway, glycogen and fatty acid metabolism, biosynthesis and catabolism of amino acids, nucleotide biosynthesis, biosynthesis of lipids, metabolism integration, metabolism of nucleic acids, and biochemical regulation of gene expression.

Prerequisite: CHE 320 (with a grade of "C" or better). Offered: spring.

### **CHE 331 - Forensic DNA Analysis (3)**

A hands-on training experience in modern methods for obtaining and interpreting DNA profiles in forensic applications. All aspects of the process are taught, including: sampling extraction, quantification, amplification, and acquisition of a DNA profile. The interpretation of results, including multiple-source mixed DNA samples, will be discussed. Students operate instrumentation relevant to modern forensic laboratories, including extraction robots, quantification instruments, thermal cyclers, and genetic analyzers. This course is conducted in collaboration with the National Forensic Science Technology Center (NFSTC) in Largo, FL. Periodic travel to the NFSTC facility is required.

Prerequisite: BIO 200. Offered: May Term.

### **CHE 352 - Physical Chemistry I (3)**

Topics include gases and kinetic molecular theory, the laws of thermodynamics, phase equilibrium, ideal and non-ideal solutions, electrochemistry and surface phenomena. Lecture only.

Distribution: (NS). Prerequisite: CHE 310 (with a grade of "C" or better), MAT 261 (with a grade of "C" or better), and PHY 206. Offered: fall .

### **CHE 353L - Physical Chemistry I Laboratory (1)**

Introduction to advanced chemical laboratory techniques.

Prerequisite: Pre- or corequisite: CHE 352. Offered: fall .

### **CHE 354 - Physical Chemistry II (3)**

A continuation of Physical Chemistry I. Topics include kinetics, photochemistry, quantum mechanics, spectroscopy and X-ray diffraction. Lecture only.

Distribution: (NS). Prerequisite: CHE 352 and CHE 353L (both with a grade of "C" or better). Offered: spring .

### **CHE 355L - Physical Chemistry II Laboratory (1)**

Continuation of physical chemistry laboratory.

Prerequisite: Pre- or corequisite: CHE 354. Offered: spring.

### **CHE 360 - Chemical Inquiry (1-8)**

This course is designed for students to explore research in chemistry, biochemistry, forensic science or marine chemistry. Specifically this course is for students who are not yet eligible to take 400 level research courses and for students of any year whose major is outside the department. Students choose a project requiring experimental or computational research in consultation with a faculty member. An electronic or written record of the student's progress must be submitted to the faculty mentor who may set additional requirements. This class may be repeated for a total of 8 credit hours. Graded on a satisfactory/unsatisfactory basis.

Distribution: (NS). Prerequisite: Permission of the instructor is required. . Offered: fall and spring.

### **CHE 370 - Chemistry or Forensic Science Internship (Lower-Level) (1-4)**

Provides practical experience in chemistry-related programs in an organization under the supervision of faculty and external representatives. May be taken by students who do not satisfy the prerequisites for CHE 453 Chemistry Internship or CHE 463 Forensic Science Internship or by students engaged in experiences that relate to scientific activities but that do not directly build scientific knowledge. May be accomplished on a part-time basis and may be repeated for a total of 4 credit hours. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: consent of instructor and approval of department chair is required. . Offered: fall, spring and summer.

### **CHE 410 - Senior Seminar (2)**

An in-depth, independent, literature-based study of a current topic in chemistry or biochemistry. A written report and an oral presentation of the topic must be presented to and reviewed by the chemistry faculty.

Prerequisite: CHE 234, CHE 235L, CHE 310 (all with a grade of "C" or better) and at least one of the following (with a grade of "C" or better): CHE 245, CHE 320, or (CHE 352 and CHE 353L). Offered: spring.

### **CHE 420 - Advanced Biochemistry (4)**

Advanced Biochemistry CHE420 is a writing-intensive, laboratory-based course that expands on the basics introduced in Biochemistry CHE 320 and Biochemistry Laboratory CHE 320L. This course emphasizes both biochemical theory and methodology,

including enzymology, purification and characterization of biological molecules, immunobiochemistry and the structure/function relationship of biological molecules. Students perform a semester-long laboratory project, culminating in formal laboratory report. Students are also assessed through scientific presentation, in-class examinations and take-home examinations designed to measure students' mastering of the concepts presented during the lecture and laboratory portions of the course.

Distribution: (W) (NS). Prerequisite: CHE 320 and CHE 320L (both with a grade of "C" or better). Offered: spring.

### **CHE 425 - Advanced Inorganic Chemistry (3)**

Studies atomic and molecular structure, types of chemical bonding, periodic relationships, typical reactions of inorganic substances, and the modern experimental methods used in inorganic chemistry. Lecture only.

Distribution: (NS). Prerequisite: CHE 245, CHE 310 (both with a grade of "C" or better), MAT 261, and PHY 206. Offered: fall.

### **CHE 426 - Advanced Organic Chemistry (3)**

This course is designed to cover many of the topics discussed in Organic Chemistry I and II in more depth. Topics may include the general study of organic reaction mechanisms including Eyring plots, Hammond's postulate, Curtin-Hammett principle, isotope effects and acid-base catalysis; conformational control; stereoelectronics; Hückel molecular orbital theory; pericyclic reactions; aromaticity; free-radical species and reactions; nucleophilic substitutions; eliminations; additions; multi-step synthetic strategies; retrosynthetic strategies; and natural product synthesis. In addition, the student may be expected to develop literature research skills by preparing and presenting a project involving the total synthesis of a naturally occurring compound or a topic of current interest. Lecture only.

Distribution: (NS). Prerequisite: CHE 234 and CHE 235L (both with a grade of "C" or better). Offered: spring during even-numbered years.

### **CHE 430 - Advanced Instrumental Chemistry (4)**

Studies the theory and practice of modern instrumental methods of chemical analysis. Methodology includes spectrophotometric, chromatographic, electroanalytical and nuclear techniques. Additionally, students are required to retrieve scientific information from primary, secondary and tertiary literature sources. Lecture and laboratory.

Distribution: (NS). Prerequisite: CHE 234, CHE 235L, CHE 245 and CHE 310 (all with a grade of "C" or better). Corequisite: Concurrent: CHE 430L. Offered: spring.

### **CHE 430L - Advanced Instrumental Chemistry Laboratory (0)**

Laboratory component of CHE 430.

Prerequisite: Concurrent: CHE 430. Offered: spring.

### **CHE 432 - Forensic Chemistry (3)**

This course provides a comprehensive overview of chemical methods and techniques commonly used in the analysis of forensic evidence. Topics include 1) drugs of abuse, explosives, and ignitable liquids, 2) sample preparation and extractions, 3) separations theory, 4) gas chromatography, 5) high performance liquid chromatography, 6) absorbance methods and color tests, and 7) mass spectrometry. The course is focused on forensic analytical methods, with particular emphasis on analysis of drugs of abuse, as well as interpretation of data. Lecture.

Prerequisite: CHE 310, CHE 234 and CHE 235L (all with a grade of "C" or better). Pre- or corequisite: CHE 433L (with a grade of "C" or better). Offered: fall.

### **CHE 433L - Forensic Chemistry Laboratory (1)**

Laboratory experiments supplement lecture material presented in CHE 432.

Prerequisite: Pre- or corequisite: CHE 432 (with a grade of "C" or better). Offered: fall.

### **CHE 434 - Forensic Toxicology (3)**

Focuses on the application of methods discussed in Forensic Chemistry to biological samples such as blood, urine, ocular fluid and tissue samples, to identify and quantitate drugs and toxins. Topics covered include 1) immunoassay, 2) forensic toxicology analyses of urine, blood, and alternative matrices, 3) pharmacokinetics and pharmacodynamics, 3) blood-alcohol analyses, and 4) subdisciplines and related topics such as postmortem forensic toxicology, human performance forensic toxicology, forensic urine drug testing, and performance-enhancing drug testing. Lecture.

Prerequisite: CHE 432 and CHE 433L (both with a grade of "C" or better). Pre- or corequisite: CHE 435L (with a grade of "C" or better). Offered: spring.

### **CHE 435L - Forensic Toxicology Laboratory (1)**

Laboratory experiments supplement lecture material presented in CHE 434.

Prerequisite: Pre- or corequisite: CHE 434 (with a grade of "C" or better). Offered: spring.

### **CHE 440 - Professional Practice in Forensic Science (3)**

This course is designed to help students transition the knowledge and skills gained in their laboratory and coursework into employment in working forensic laboratories. The following topics, in the context of forensic science, are covered: quality assurance, courtroom testimony, ethics, data integrity, and employment practices.

Distribution: (NS). Prerequisite: CHE 432 and CHE 433L (both with a grade of "C" or better), senior standing or permission of the instructor. Offered: spring.

### **CHE 445 - Advanced Organic Spectroscopy (3)**

Covers current spectroscopic methods for organic structure determination. Topics include mass spectrometry, infrared spectroscopy, nuclear magnetic

resonance spectroscopy, electron paramagnetic resonance, X-ray diffraction, and other techniques and their use in organic structure determination. Students are expected to develop literature research skills by preparing and presenting a project involving the determination of the molecular structure of a naturally occurring compound. Lecture only.

Prerequisite: CHE 234 and CHE 235L (both with a grade of "C" or better). Offered: spring semester during odd-numbered years.

#### **CHE 451 - Capstone Chemical Research (1-2)**

Qualified students choose a project in consultation with a chemistry faculty member. Requires laboratory or computational research. The project should be performed during the student's junior and/or senior years. This capstone research experience may be repeated for up to a total of 4 credit hours. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: consent of instructor. Offered: fall, spring and summer sessions, based on availability of faculty.

#### **CHE 453 - Chemistry Internship (1-4)**

Provides practical experience in chemistry-related programs in a firm or agency under the supervision of faculty and firm representatives. May be accomplished on a part-time basis and may be repeated for a total of 4 credit hours. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: CHE 234, CHE 235L and CHE 310 (all with a grade of "C" or better), and at least one of the following (with a grade of "C" or better): CHE 245, CHE 305, CHE 320 or CHE 352 and CHE 353L. Must have 56 credit hours earned, minimum GPA of 2.5 in the major or approval of department chairperson. Offered: fall, spring and summer sessions.

#### **CHE 454 - Capstone Chemical Communication (1)**

Students completing several degrees in the department of Chemistry, Biochemistry, and Physics (including those certified by the ACS) are required to successfully complete CHE 454. This is the final step of the research experience, in which students immerse themselves in the effective communication of the results of their work. Students will be required to compose a peer-reviewed journal style manuscript communicating their findings and present their work in a public symposium.

Prerequisite: completion of at least two hours of CHE 451. Offered: fall and spring.

#### **CHE 460 - Introduction to Forensic Research (1-4)**

Qualified students in junior year choose project subject in consultation with chemistry faculty member. Requires laboratory research related to forensic science. A written report and an oral presentation of the research must be presented to and reviewed by the chemistry faculty. The project should be performed during the student's last three semesters. This capstone

experience may be repeated for a total of 4 credit hours. Graded on a satisfactory/unsatisfactory basis.

Distribution: (NS). Prerequisite: CHE 230, CHE 234, CHE 235L and CHE 310 (all with a grade of "C" or better). Offered: fall, spring and summer sessions.

#### **CHE 463 - Forensic Science Internship (1-4)**

Provides practical experience in forensic science-related programs in a firm or agency under the supervision of faculty and agency representatives. Students must apply for this internship at least one semester in advance. May be accomplished on a part-time basis and may be repeated for a total of 4 credit hours. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: CHE 230, CHE 234, CHE 235L and CHE 310 (all with a grade of "C" or better), 56 credit hours earned, minimum GPA of 2.5 in the major, or approval of department chair. Offered: fall, spring and summer sessions.

#### **CHE 470 - Tissue Culture (4)**

This course is an introduction to biochemical principles of and techniques utilized in the science of cultivating, manipulating and assaying animal cells *in vitro*. This course provides the basic science knowledge and laboratory skills required for carrying out diverse research projects in biomedical science, clinical research and biotechnology. This laboratory-intensive course provides extensive hands-on experience in animal cell propagation, sub-culturing, transfection with transgenes, clonal cell isolation, cryopreservation, inducible transgene expression, and a variety of biochemical assays. Lecture and laboratory.

Prerequisite: CHE 320 and CHE 320L (both with a grade of "C" or better) and BIO 198. Offered: fall.

#### **CHE 490 - Molecular Basis of Cancer (4)**

Molecular Basis of Cancer (MBoC) is a laboratory-intensive course that provides extensive hands-on experience in chemically treating human cancer cell lines and performing a variety of biochemical assays and molecular analysis techniques of the biological molecules isolated from these cells. MBoC is intended to serve as an undergraduate classroom research experience (CURE). This CURE course includes lectures on the molecular techniques utilized and background on molecular oncology topics including oncogenes, signal transduction, DNA replication and repair, cell growth metabolism, apoptosis, as well as cancer of breast, colon, lung and prostate organ sites.

Prerequisite: CHE 320 and CHE 320L (each with a grade of "C" or better); CHE 470 is also preferred. Offered: spring.

#### **CHE 498 - Special Topics in Forensic Science (3)**

A lecture course in an applied forensic science discipline offered at the discretion of the forensic science faculty. Subject may be chosen from across forensic science but will typically involve forensic DNA analysis or forensic microscopy.

Prerequisite: consent of instructor. Offered: varies when offered.

#### **CHE 499 - Special Topics in Chemistry (1-4)**

A lecture and/or laboratory course offered at the discretion of the chemistry faculty. Subject may be chosen from theoretical and/or practical applications in biochemistry, analytical, inorganic, physical or organic chemistry.

Distribution: (NS). Prerequisite: consent of instructor. Offered: varies when offered.

## **CHI - Chinese**

#### **CHI 101 - Elementary Chinese I (4)**

CHI 101 (or equivalent skills) is a beginning Chinese language course with an emphasis on Chinese culture, as well as understanding and speaking Chinese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Chinese. This course is only open to students who have successfully completed one year or less of Chinese in secondary school within the previous eight years, and no university Chinese. Students cannot take CHI 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **CHI 102 - Elementary Chinese II (4)**

Beginning Chinese language course with an emphasis on Chinese culture, as well as understanding and speaking Chinese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Chinese. CHI 101 (or equivalent skills) is a prerequisite for CHI 102. Students cannot take CHI 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **CHI 201 - Intermediate Chinese I (4)**

Not open to native speakers. Develops a greater understanding of Chinese culture and everyday Chinese, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Chinese. Prerequisite: CHI 102 or two or more years of high school Chinese, or equivalent skills. Students cannot take CHI 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **CHI 202 - Intermediate Chinese II (4)**

Not open to native speakers. Develops a greater understanding of Chinese culture and everyday Chinese, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Chinese. Prerequisite: CHI 201 or equivalent skills. Students cannot take CHI 101, 102, 105, 201, or 202 concurrently. Offered: Varies when offered.

#### **CHI 251 - Topics in Chinese (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **CHI 351 - Topics in Chinese (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **CHI 451 - Topics in Chinese (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of instructor. Offered: Offered as needed.

## **COM - Communication**

#### **COM 212 - Co-Creative Documentary Abroad (4)**

This faculty-led travel course takes students abroad to co-create short documentary films with local changemakers solving problems in their own communities. Students spend the first seven weeks on campus doing preproduction planning and equipment training. They then travel over Spring Break to meet the changemakers, shoot footage on location, and engage with local culture, history, and traditions before returning to campus to edit the films over the last seven weeks. Students will develop production skills, cross-cultural understanding, and collaborative media advocacy techniques. There are no language or production prerequisites for this course.

Distribution: (IG) (NW).

#### **COM 222 - Media Aesthetics and Creativity (4)**

In this class, students will be asked to explore their own creative processes and develop identities as creative thinkers and producers of media. Students will research theories about creativity; explore aesthetic principles relating to two-dimensional, interactive and time-based media; and experiment with traditional and experimental narrative techniques. The focus will be on developing creative concepts in pre-production phases (e.g., sketching, storyboarding, storytelling, writing treatments and artist statements, experimenting with electronic media). Students will work both individually and in groups; research and synthesize substantive ideas from outside influences; and effectively present ideas in oral, visual and written forms.

Offered: fall and spring semesters.

#### **COM 224 - Media and Society (4)**

Studies the fundamentals of communication theory to provide a foundation for understanding how the media work, how they influence us, how we can analyze them and how we can effectively use them. Students can apply these critical skills to their roles as responsible consumers and communication professionals. May be used to fulfill Social Science (SS) requirements if not used for the major.

This is a CORE foundation course for all communication majors.

Distribution: (SS). Offered: fall and spring semesters.

**COM 225 - Media Writing (4)**

An introduction to the principles and practices of writing for major types of mass communication media, with an emphasis on content, engagement, organization, conciseness and clarity. Students learn various styles of writing for print media, social media, broadcast media, the Web, advertising and public relations. This course also discusses the ethical and legal implications of writing for the media.

Distribution: (W). Offered: fall and spring.

**COM 226 - Introduction to Scriptwriting for Motion Pictures and Television (4)**

Students learn and practice the principles behind the art and craft of scriptwriting for short, single-camera "motion picture" format, and multi-camera, live audience television (such as situation comedies). May not be used to satisfy general distribution requirements.

Distribution: (W). Offered: fall and spring.

**COM 227 - Media in the Americas (4)**

Media in the Americas travels abroad to engage with Latin American media producers, regulators, scholars, and audiences. Students will experience first-hand how media policies, institutions, and technologies intersect with the politics and processes of media production, distribution, and consumption. If not used for student's major, this course can be counted towards fulfilling the Social Science (SS) and Non-Western and International/Global Awareness (NW/IG) requirements of the Baccalaureate Experience requirement.

Distribution: (SS)(IG)(NW). Offered: Spring.

**COM 232 - Visual Literacy (4)**

It is one of the great ironies of contemporary existence that we are beset, informed, controlled and constructed by images, yet we receive almost no formal training in understanding and creating visual communication. Visual Literacy addresses this issue through interdisciplinary study of the terminology and theory of visual communication, with special emphasis on the relationship of visuality and cultural practice. Considering ideas from art history, photography, film, mass media and cultural studies, students are asked to analyze visual rhetoric, begin to see critically, articulate meaning and author visual rhetoric of their own. May be used to fulfill the general distribution requirements for the humanities if not used for the major.

This is a CORE foundation course for all communication majors.

Distribution: (A) (HFA). Offered: fall and spring semesters.

**COM 234 - Topics in Communication (1-4)**

Offered: Varies when offered.

**COM 236 - UTTV Student Television (2 or 4)**

Produce broadcast news packages for UTTV: Spartan News, the University of Tampa's student-run campus news channel. Students work in teams to research newsworthy stories and then use smartphone

production kits to conduct on-camera interviews with experts and citizens, shoot b-roll on location, and write and record stand-ups and voice-overs before editing, revising, and posting their short videos to UTTV's social media feeds.

Distribution: (HFA). Offered: fall and spring semesters.

**COM 242 - Digital Citizenship (4)**

Digital Citizenship teaches digital media production as a means of identity exploration, ethical formation, and civic engagement. Through sound and image capture, editing, and distribution, students will learn to better recognize and more effectively advocate solutions to social problems and thereby develop the necessary skills to go from casual users of contemporary technologies to digital rhetoricians practicing active, engaged citizenship.

This is a CORE foundation course for all communication majors. Laboratory fee required.

Offered: fall and spring semesters.

**COM 250 - WUTT Student Radio (2 or 4)**

Produce radio for WUTT: Spartan Radio, the University of Tampa's student-run radio station (1080am, RadioFX, and TunedIn Radio). Students learn about radio regulations, marketing, licensing, DJing, interviewing guests, news, and sports while producing live, on-air radio shows both from the WUTT studio and on location during campus events.

Offered: fall and spring semesters.

**COM 260 - American Cinema (4)**

A basic introduction to film studies. Surveys the history of American narrative film with an emphasis on the cultural impact of film in society. May be used to fulfill the Art/Aesthetics (A) and Humanities and Fine Arts (HFA) requirements if not used for the major.

Distribution: (A) (HFA). Offered: fall and spring semesters.

**COM 261 - World Cinema (4)**

An examination of world cinema movements. May be used to fulfill the Art/Aesthetics (A), the Humanities and Fine Arts (HFA), and International/Global Awareness (IG) and Non-Western (NW) requirements if not used for the major.

Distribution: (A) (HFA) (IG) (NW). Offered: fall and spring semesters.

**COM 283 - Principles of Advertising (4)**

This course introduces students to the historical, cultural, economic, and social aspects of advertising. Students will discuss advertising's relationship to marketing as well as its role in traditional and new media landscapes. This course also provides an overview of advertising management, advertising planning, advertising creativity and concepts, global advertising, and laws affecting advertising.

Offered: fall and spring semesters.

**COM 284 - Principles of Public Relations (4)**

This is an introductory course to public relations communication. The primary objectives of this course are to help students recognize the basic concepts and principles of public relations, to help them gain an understanding of the social importance of public relations in our community and organizations, and to help students personalize these concepts to their professional career interests.

Offered: fall and spring semesters.

**COM 300 - The Documentary Tradition (4)**

Survey course on the visual documentary tradition. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (HFA). Prerequisite: COM 232 or consent of instructor. Offered: fall semester.

**COM 301 - Introduction to Organizational Communication (4)**

This course introduces students to theory, research and applied practice in the study of organizational communication. Students will explore the role human communication plays in structuring, maintaining and changing organizations, and they will explore specific issues within the study of organizational communication including socialization, decision-making, conflict, stress and burnout, cultural diversity and external communication.

Prerequisite: COM 224. Offered: fall and spring semesters.

**COM 302 - Digital Media and Design for Communication (4)**

Students will develop critical perspectives on media consumption and creation while learning intermediate skills in design and imagining for visual communication in print, web, social media, and time-based media. The course focuses on conceptual thinking and problem-solving in the development and production of digital media projects.

Prerequisite: ART 110 or FMX 210; plus at least one of the following: COM 222, COM 224, COM 225, COM 232, COM 283, COM 284; or consent of instructor. . Offered: fall and spring semesters.

**COM 303 - Studio Television I (4)**

Emphasizes formal aspects of studio video-production operations, including camera switching, lighting, sound and accessory equipment and remote-location production for integration into a studio program. This course provides production support for WUTTV programming. May be used to satisfy general distribution requirements in the humanities if not used for the communication major. Laboratory fee required.

Distribution: (A) (HFA). Prerequisite: COM 225 or COM 226 and one of the following: COM 242, JOU 221, or FMX 241. Offered: fall and spring semesters.

**COM 315 - Web Design (4)**

This studio course introduces students to Web design techniques, technologies and theories, including HTML, CSS and Web design software. Almost all work is performed at a computer. Laboratory fee required.

Prerequisite: ART 110, FMX 210, JOU 221 or consent of instructor. Offered: fall and spring semesters.

**COM 323 - Digital Communication and Society (4)**

This course explores the social, political, economic, and cultural effects of emerging communication technologies. Areas covered include the design and affordances of new technologies, how they are used by consumers and organizations, and how they are addressed by laws, policies, industries, and powerful social and cultural institutions.

Distribution: (SS). Prerequisite: COM 224. Offered: Fall and spring semester.

**COM 325 - Writing for Broadcast News (4)**

This course covers the elements of broadcast news writing and production, including the structure of radio and television news and feature stories, research and interviewing techniques, "package" production and ethical considerations. May not be used to satisfy general distribution requirements.

Distribution: (W). Prerequisite: COM 225 or JOU 101. Offered: fall and spring semesters.

**COM 327 - Communication and Law (4)**

Communication and Law is the study of concepts, policies, laws and court decisions that affect communication in our society. Through text, scholarly and popular articles, sound and video recordings, court decisions, lectures and class participation, we explore critical legal principles of civilized democratic society and the range of laws that protect or restrain communication within it. In addition to examining such principles and laws for their own merit (or lack of it), the course provides a practical basis upon which students who seek to become communications professionals can identify legal issues that will influence their professional conduct.

Prerequisite: COM 224 or JOU 101. Offered: fall and spring semesters.

**COM 332 - Television Criticism (4)**

This is a survey of traditions of television criticism. The class covers key areas of television research and criticism, including narrative, aesthetic, production-oriented, economic, audience-centered, and ideological approaches to TV. The class will address questions related to TV as a technology, the broadcast and post-network eras of TV, the globalization of media programming, as well as a wide range of TV genres and their conventions.

Prerequisite: COM 224. Offered: fall semester.

**COM 333 - Studio TV II (4)**

Live stream multi-camera video productions straight to social media. Students will produce a bi-monthly entertainment and information talk show that combines pre-recorded segments with live hosts, guest



interviews, and in-studio demonstrations. Students are responsible for pitching stories, booking talent, writing scripts, and operating equipment. This course is modeled on *Daytime*, a nationally syndicated program produced in Tampa. Laboratory fee required.

Prerequisite: COM 303 or consent of instructor.  
Offered: spring semester.

#### **COM 334 - Information and the New World Order (4)**

Examines the cultural, political, economic and ethical issues surrounding a complex, international communication movement known as the New World Information Order. Explores all aspects of the topic, with an emphasis on threats to the national sovereignty of developing countries, the bias of international news agencies and cultural imperialism. May be used to fulfill Third World requirements. May be used to fulfill general distribution requirements for the social sciences if not used for the major.

Distribution: (IG) (NW) (SS). Prerequisite: COM 224, junior or senior standing, or consent of instructor.  
Offered: fall semester.

#### **COM 335 - Survey of Independent Video and Film (4)**

Students study and view tapes and films produced as part of the non-commercial independent movement. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (A) (HFA). Prerequisite: COM 232 or permission of the instructor. Offered: every other spring semester.

#### **COM 344 - Special Topics (1-4)**

#### **COM 346 - Writing for Interactive Media (4)**

This course explores practice and theory of writing for interactive media, including hypertext and hypermedia, narrative games, critical games, and location-based media. May not be used to satisfy general distribution requirements.

Distribution: (W). Prerequisite: One of the following: COM 225, COM 226, WRI 200, WRI 220, or FMX 240.  
Offered: fall and spring semesters.

#### **COM 348 - Writing the Situation Comedy (4)**

This course is an introduction to the mechanics of writing for television. From idea through final draft, students learn the process of developing scripts for television. The structural demands of commercial television and cable are explored. The student obtains a grounding in the historical development of marketable TV genres. The selling and buying of a script are analyzed, as well as strategies for creating a teleplay by oneself or with a staff of writers. May not be used to satisfy general distribution requirements.

Distribution: (W). Prerequisite: COM 226, FMX 240, or consent of instructor. Offered: fall semester.

#### **COM 350 - Strategic Social Media (4)**

Students will learn how to use social media for strategic purposes, develop effective content, and measure success through analytics.

Prerequisite: ART 110 or FMX 210; and one of the following courses: COM 224, COM 283, COM 284, JOU 101. Offered: Fall semester.

#### **COM 354 - Internship in Communication (1-4)**

This variable credit internship course is designed for Communication, Media, and Culture (COM) majors and advertising and public relations (AD/PR) majors. Key assignments include learning objectives, orientation seminar, informational interview, reports, and evaluations. Cannot be used to meet the 300-or-above-level requirement in either the COM or AD/PR major and may not be used to satisfy general distribution requirements. Credits (1-4) vary according to the number of hours worked at the internship host site.

Prerequisite: Junior or senior standing, minimum GPA of 3.0 in major and consent of instructor. Offered: fall, spring, and summer semesters.

#### **COM 360 - Film Directors (4)**

A search for the defining characteristics of a director's works, including issues of thematic motifs and visual style. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (A) (HFA) (W). Prerequisite: COM 260 or COM 261 or consent of instructor. Offered: spring semester.

#### **COM 361 - Film Genres (4)**

This course will be an investigation into the thematic, theoretical, technical and structural concepts that contribute to our understanding of film genre. Students, through weekly informal writing as well as significant research-based formal papers, will sharpen their analytical, critical and research skills. Specifically, they will employ the methodology of critical inquiry and utilize appropriate vocabulary and processes to engage, through analysis, research, writing and discussion, in the dialogues of our discipline. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (A) (HFA) (W). Prerequisite: COM 260 or COM 261 or consent of instructor. Offered: fall semester.

#### **COM 365 - Critical Analysis of Media Events (4)**

The course is designed to introduce intermediate research methodologies to a student's critical analysis of large-scale media events. It involves the practical analysis of a media event, including circumstances, details, historical perspective and reactions by journalists, officials and the public. Archival coverage, documentaries, feature films, print articles and Internet sites relating to a singular or series of events will encompass a majority of the analysis. Particular attention will be given to events with international

implications. Students will review the previous exposure of related topics in an effort to compare the attention given to a subject in a comparison of "before and after." May be used to fulfill general distribution requirements for the social sciences if not used for the major.

Distribution: (SS).

#### **COM 370 - Women, Film and Popular Culture (4)**

Focuses on the politics of representing women, particularly in film, television, advertising, popular literature and the popular press. The critical background includes texts on political economy, semiotics, feminist theory and cultural studies. The student completes a major research project during the course. May be used to fulfill general distribution requirements for the humanities, but not for the social sciences if not used for the major.

Distribution: (A) (HFA). Prerequisite: COM 232 or consent of the instructor.

#### **COM 375 - Critical Media Practice (4)**

This course familiarizes students with key theories, techniques, and media forms that will enable them to produce creative, well-researched and thought-provoking projects that embody critical media practice. Each student will select and examine an issue of social importance, and research media platforms and rhetorical approaches suitable for that issue. Combining scholarship with media skills, the student will create a final media project. Laboratory fee required.

Prerequisite: COM 242. Offered: fall semester.

#### **COM 383 - Advertising Creative Direction (4)**

This lab course involves strategic concept development, copywriting, and media production, as well as ethical considerations related to these practices.

Prerequisite: COM 283, plus either ART 110 or FMX 210. Offered: fall and spring semesters.

#### **COM 384 - Writing for Public Relations (4)**

This course involves training in theory, form and style for writing public relations materials for all stages and types of public relations campaigns. This course is designed to provide students with a broad range of public relations writing skills utilized in the industry.

Distribution: (SS) (W). Prerequisite: AWR 101, COM 225 or COM 284, or consent of instructor. Offered: fall and spring semesters.

#### **COM 388 - Multicultural and Prosocial Strategic Communication (4)**

"For-profit" brands and companies have crossed-over to the traditionally "non-profit" territory, using their platforms in advertising and public relations (ADPR) to discuss social issues so as to promote social good and to achieve commercial success. This emerging market of prosocial consumers lead to changes in the practice of doing social good in ADPR. This demands our future

ADPR practitioners to have the diversity/multicultural literacy that guides them to make appropriate and conscious decisions when applying multicultural and prosocial strategies. In this course, we will cover prosocial strategic decision-making, multicultural targeting/messages/markets, consumer diversity psychology, critical social issues, and related practices in ADPR.

Prerequisite: COM 224. Offered: spring.

#### **COM 390 - Ethnicity in Film and Literature (Honors)**

For Honors Program students only. This course is an exploration of the concept of "ethnicity" and how it may be expressed through literature and film. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (A) (HFA).

#### **COM 392 - Independent Study in Communication (1-4)**

Research or creative project under the auspices of a communication instructor. Students may take a maximum of 8 credit hours of independent study to fulfill the requirements of the major.

Prerequisite: Junior or senior standing, COM 224, COM 225 or COM 226, and COM 232 and minimum GPA of 3.0, or consent of instructor. Offered: fall and spring semesters.

#### **COM 401 - Intercultural Communication (4)**

The purpose of this course is to provide students with an understanding of the socio-cultural dynamics that affect the communication process. Students focus on their own cultural world view as they are exposed to the cultural dynamics and characteristics of other societies. Emphasis is placed upon the nonverbal and oral/visual aspects of communication content, structure and context. May be used to fulfill general distribution requirements for the social sciences if not used for the major.

Distribution: (SS). Offered: fall and spring semesters.

#### **COM 425 - Information Technology and Human Values (4)**

Raises fundamental questions about the relationship between science and the humanities. Analyzes the role of technology in modern life with special emphasis on the impact of new information technologies. May be used to fulfill general distribution requirements for the humanities if not used for the major.

Distribution: (HFA). Prerequisite: COM 224, junior or senior standing, or consent of instructor. Offered: spring semester.

#### **COM 426 - Public Opinion, the Media and Power (4)**

Examines public opinion from a variety of perspectives, providing students with the ability to be intelligent consumers of public opinion research and effective users of public opinion research tools. Explores the interaction between the media and public opinion, as well as public opinion's effects on contemporary society and politics.

Distribution: (SS). Prerequisite: Junior or senior standing, or consent of instructor. Offered: Varies when offered.

**COM 435 - Women Directors: Theory and Criticism (4)**

Examines women directors worldwide. The course will focus on the theoretical, critical, historical, cultural and aesthetic basis of films made by international, mainstream, documentary and the avant-garde women film directors of New Zealand, Europe, the Middle East, Asia, the African and Asian diasporas, and North and South America. Students will submit a series of written critical responses and complete a major project related to course material. May be counted in the humanities if not counted in the major.

Distribution: (A) (HFA) (IG) (NW) (W). Prerequisite: AWR 101 and AWR 201; or one of COM 232, COM 260 or COM 261; or one course in women's studies; or consent of instructor. Offered: every other year.

**COM 436 - Communication and Media Ethics (4)**

This course studies critical contexts of public communications to bring students an understanding of forces that shape media and representation, and relationships between mass communication and the public.

Prerequisite: COM 224. Offered: fall and spring semesters.

**COM 443 - Communication and Cultural Studies (4)**

Students explore the role of communication in the social construction of culture. Emphasis is on acquiring knowledge of culture as an evolving process of codifications, and examining dominant and marginal cultural meaning systems in science, history and the arts. May be used to fulfill general distribution requirements for the social sciences if not used for the major.

Distribution: (SS) (W). Prerequisite: COM 224, junior or senior standing or consent of instructor.

**COM 445 - The Image and the Reality (4)**

Explores the relationship between myth and cinema. Also looks at the politics of representation as it relates to race, gender and ethnicity. May be used to satisfy general distribution requirements in the humanities if not used for the major.

Distribution: (A). Prerequisite: Junior or senior standing and one of the following courses: COM 260, COM 261, COM 300, COM 308, COM 335, COM 360, COM 370 or COM 465, or consent of instructor. Offered: every other spring semester.

**COM 446 - Advanced Topics in Communication (4)**

Offered: Varies when offered.

**COM 450 - Experimental Cinema: History and Theory (4)**

This course examines experimental, avant-garde cinema worldwide. It focuses on the theoretical, critical, historical, cultural and aesthetic basis of experimental

and avant-garde films made by national and international directors. Students submit a series of written critical responses and complete a major project related to course material. May be counted in the humanities if not counted in the major.

Distribution: (A) (HFA) (IG) (W). Prerequisite: COM 232, COM 260 or COM 261, or consent of instructor. Offered: every other year.

**COM 455 - Film Theory and Criticism (4)**

The course explores worldwide film theory and criticism from its roots to the present through lectures and screenings of international, global and non-western films. Classical and contemporary theorists include Sergie Eisenstein, Andre Bazin, Gilles Deleuze, Walter Benjamin, Laura Mulvey, Lev Manovich and more. Issues of representation, the cinematic apparatus and semiotics including psychoanalytic film theory will be covered. Students submit a series of written critical/theoretical responses and complete a conference style abstract and paper related to course material. May be counted in the Humanities if not counted in the major.

Distribution: (A) (HFA) (IG) (NW) (W). Prerequisite: Any one of the following: COM 232, COM 260, COM 261, or any 300- or 400-level course in the "Media, Culture and Society" course offerings, or instructor consent. Offered: once per year.

**COM 465 - Senior Seminar in Cinema Studies (4)**

Seminar for seniors completing a thesis paper in cinema studies as the requirement for graduation in film and media arts. Each student pursues a cinema studies thesis project, in written form, of sufficient breadth and depth as to crystallize their experiences at the University. Topics vary from semester to semester.

Prerequisite: Senior standing, and any of the following: COM 300, COM 335, COM 360, COM 365, COM 370 or COM 445, or consent of instructor. Offered: Varies when offered.

**COM 466 - International Advertising (4)**

The course is designed to help students integrate knowledge of advertising theory and practice within an international context. Instructor and students will meet occasionally over the spring semester for orientation and introduction to course material and spend two weeks abroad in May expanding the study and application of international advertising topics/concepts. In addition, the travel portion of the course will give students the opportunity to learn about and experience, first hand, advertising as a product and shaper of culture and the advertising industry's role in a globalized economy.

Prerequisite: COM 283. Offered: Varies when offered.

**COM 467 - Advanced Film Analysis (4)**

Students will conduct deep analysis of films, delving into close readings of form and content, including character, dialogue, plot, mise-en-scene, camerawork & cinematography, editing and sound (diegetic and non-

diegetic). At the end of the course students will have an enhanced understanding of how multiple elements combine to create compelling stories and opportunities for interpretation in complex, primarily narrative, films.

Prerequisite: Any two of the following COM courses: COM 335, COM 340, COM 360, COM 361, COM 370, COMH 390, or permission of instructor. . Offered: once a year.

#### **COM 470 - Communication Research Methods (4)**

This course introduces students of communication to the core concepts and common practices of both quantitative and qualitative communication research. Students will be exposed to a variety of theoretical perspectives on the nature, practice, use and meaning of research in the field of communication. Particular emphasis will be placed on research concepts and methods appropriate to the practice of advertising and public relations.

Prerequisite: COM 224, junior or senior standing, or permission of instructor. Offered: fall and spring semesters.

#### **COM 475 - Seminar in Critical Media Practice (4)**

The course emphasizes interpretation, discussion, and practice, building upon theoretical and practical knowledge students have acquired over the course of their study in critical media practice. Using traditional and emerging media technologies, students will produce projects over the course of the semester to convey critical perspectives on phenomena with social, cultural, economic, and/or political implications. Laboratory fee required.

Prerequisite: COM 375. Offered: spring semester.

#### **COM 483 - Advertising Campaigns (4)**

This course teaches strategic development of advertising campaigns and involves research, branding, copywriting, design and digital production. May not be used to satisfy general distribution requirements.

Prerequisite: ART 305 or COM 302, COM 383, and senior standing, or permission of instructor. Offered: fall and spring semesters.

#### **COM 484 - Public Relations Campaigns (4)**

This course focuses on a systematic process of public relations, including research, strategic planning, communication tactics and evaluation. Through an extensive public relations campaign project, students will understand and practice the multifaceted and strategic nature of public relations. The course involves case studies, group problem-solving, writing, production and client relations work.

Prerequisite: COM 302 or ART 305, COM 384 and senior standing, or permission of instructor. Offered: fall and spring semesters.

#### **COM 490 - Communication Major Portfolio Review (1)**

The Communication Major Portfolio Review is required for all communication majors, to be taken during their senior year. The course asks students to

select and submit major works for review and assessment.

Prerequisite: Senior standing, Communication Majors Only. Offered: fall and spring semesters.

#### **COM 499 - Senior Project (4)**

Students must apply for acceptance the semester before their anticipated enrollment. Each year, a select number of students are able to choose a senior project option in order to fulfill the 400-level requirement of the communication major. In this independent course, a student or group of students pursue a research or production objective of sufficient breadth and depth as to crystallize their experiences as communication majors at the University.

Prerequisite: Senior standing. Offered: as needed.

## **CRM - Criminology and Criminal Justice**

#### **CRM 101 - Introduction to Criminology (4)**

A study of deviant behavior as it relates to the definition of crime, crime statistics, theories of crime causation, crime typologies and victims of crime. May be used to satisfy general distribution requirements if not used in the criminology major.

Distribution: (SS). Offered: fall and spring semesters.

#### **CRM 102 - Introduction to Criminal Justice (4)**

A study of the components of the criminal justice system from its early history through its evolution in the United States. Identifies various subsystems and their roles, expectations and interrelationships. NOTE: This course does not satisfy general distribution requirements.

Offered: fall and spring semesters.

#### **CRM 200 - Law Enforcement (4)**

A study of the elements of law enforcement agencies as subsystems of the criminal justice system, the history and philosophy of law enforcement, and the relationship between law enforcement and the community.

Prerequisite: CRM 102. Offered: fall and spring semesters.

#### **CRM 206 - Criminal Investigation (4)**

A study of the fundamentals of investigation including crime scene search, collection and preservation of physical evidence, interview and interrogation techniques, use of scientific aids and modus operandi.

Prerequisite: CRM 102. Offered: spring and as needed.

#### **CRM 210 - Ethics in Justice (4)**

An examination of the field of justice with emphases on decision-making, ethical thinking, codes of ethics and use of discretion throughout the justice system.

Offered: as needed.

**CRM 212 - Juvenile Delinquency (4)**

An examination of definitions of delinquent behavior, theories of delinquency and the adjudication process for juveniles. May be used to satisfy general distribution requirements if not used in the criminology major.

Distribution: (SS). Prerequisite: CRM 101 and CRM 102. Offered: fall and spring semesters.

**CRM 215 - Crime Control Policy in the United States (4)**

Analysis of ideologies, assumptions, and performance of crime control policies. This course addresses the creation, real world implementation, as well as the various costs and benefits of current American crime control policy. This will be accomplished by examining the roots of formalized, rational social control through the criminal justice system, exploring contemporary issues, determining policy involvement of primary criminal justice system actors, while discussing their effectiveness and efficiency, and finally exploring special issues and topics that are at the heart of American crime control.

Prerequisite: CRM 101 and CRM 102. Offered: As needed.

**CRM 240 - Research Methods (4)**

An introduction to the quantitative and qualitative methodologies of the social sciences, including overviews of philosophy of science and research ethics, research design issues such as sampling and measurement, and methods of data collection (i.e., survey, experimental and evaluation research). Additionally, students will gain experience in reviewing scholarly literature, designing a research project in criminal justice/criminology, and writing for an academic audience utilizing the APA format. Through those goals, students will become both consumers and producers of research.

Prerequisite: CRM 101 and MAT 160, MAT 170, MAT 260, MAT 261 or MAT 225. Offered: fall and spring semesters.

**CRM 245 - Statistics for Criminology and Criminal Justice (4)**

This course serves as an introduction to descriptive and inferential statistics and the computer analysis of criminology and criminal justice data. Course content includes basic procedures of hypothesis testing, correlation and regression analysis and the analysis of continuous and binary dependent variables. Emphasis is placed on the examination of research problems and issues in the field of criminology and criminal justice. This is primarily a lecture course, with some in-class and out of class lab work.

Prerequisite: CRM 240. Offered: fall and spring semesters.

**CRM 248 - Comparative Criminal Justice Systems (2)**

A comparative study of the United States criminal justice system with those of other countries. Countries will vary. This course may be repeated for credit when countries change.

Offered: spring and as needed.

**CRM 248A - Comparative Criminal Justice Systems/Travel Course (2)**

A comparative study of the United States criminal justice system with those of other countries through personal observation of agencies of the countries visited and personal interaction with agency personnel. Countries visited will vary. This course may be repeated for credit when countries change.

Offered: spring and as needed.

**CRM 249 - Human Trafficking and Child Exploitation (4)**

This course will examine the many forms of human trafficking and child exploitation, the plight of victims, and domestic and global approaches for control of human trafficking and child exploitation.

Offered: as needed.

**CRM 290 - Special Summer Studies (4)**

Special course offered each year during the summer session. Course descriptions are published annually in a separate bulletin.

Offered: summer terms.

**CRM 300 - Victimology (4)**

An examination of the extent and nature of victimization, theories of victimization, the victims' rights movement and consideration of several major kinds of victimization.

Distribution: (W). Prerequisite: CRM 101 or CRM 102. Offered: fall and as needed.

**CRM 307 - Crime Scene Investigation (4)**

An examination of scientific techniques used to develop forensic evidence discovered at a crime scene offered in a practical laboratory setting.

Prerequisite: CRM 102. Offered: fall and as needed.

**CRM 310 - Abnormal Behavior and Criminality (4)**

An overview of abnormal behavior as it relates to the criminal justice system. Emphasis placed on personality disorders, psychoses, sexual predators and posttraumatic stress disorder.

Distribution: (W). Prerequisite: CRM 101 or CRM 102 and junior or senior standing. Offered: spring semester and as needed.

**CRM 311 - Criminal Law and Procedure (4)**

This course provides an in-depth examination of criminal law and procedure, including issues related to the Fourth, Fifth and Sixth Amendments as well as substantive criminal law, liability and defenses.

Distribution: (W). Prerequisite: CRM 102. Offered: fall and spring semesters.

**CRM 313 - Corrections (4)**

An introduction to the American correctional system emphasizing the history of corrections, the prison experience and correctional clientele. May be used to satisfy general distribution requirements if not used in the criminology major.

Distribution: (SS) (W). Prerequisite: CRM 102 and junior or senior standing. Offered: fall and spring semesters.

**CRM 321 - Comparative Criminology (4)**

A comparison of diverse types of criminal justice systems utilized by other countries and cultures with the United States criminal justice system.

Distribution: (IG) (W). Prerequisite: CRM 101 and CRM 102. Offered: fall and spring semesters.

**CRM 323 - Correctional Law (4)**

A study of substantive and procedural law pertaining to the convicted criminal offender, including an examination of federal court decisions affecting correctional personnel and the penal process.

Distribution: (W). Prerequisite: CRM 101 and CRM 102. Offered: fall semester or as needed.

**CRM 324 - Criminological Theory (4)**

This course will introduce the student to theoretical approaches to the explanations of crime. This introduction will allow the student to appreciate and secure a basic understanding of the complex factors that are related to crime as well as the historical development of such approaches.

Prerequisite: CRM 101 and CRM 102 and sophomore standing or higher. Offered: fall and spring semesters.

**CRM 400 - Crime and Punishment: Current Controversies (4)**

An in-depth examination of current controversial issues of crime and punishment in the United States.

Prerequisite: CRM 101 or CRM 102 and junior or senior standing. Offered: as needed.

**CRM 401 - Internship in Criminology (4-16)**

A meaningful field experience through placement in agencies of the criminal justice system. Graded on a pass/fail basis. Students may take a maximum of 16 credit hours while at UT. Internship credit may not be used to satisfy requirements for the major or the minor.

Prerequisite: Junior or senior standing with a cumulative GPA of 2.8 (3.2 for federal internships). Offered: fall, spring and summer semesters.

**CRM 403 - Drugs, Deviance and Crime (4)**

An in-depth analysis of the nature and extent of drug use within American society, and its relationship to crime and deviance.

Prerequisite: CRM 101 or CRM 102 and junior or senior standing. Offered: as needed.

**CRM 406 - Violence in America (4)**

A study of the broad range of violence in society, examining historical and contemporary forms of violence. Topics explored include gun crime, serial murders and terrorism.

Distribution: (W). Prerequisite: CRM 101 or CRM 102 and junior or senior standing. Offered: spring semester and as needed.

**CRM 409 - White Collar and Elite Crime (4)**

This course will explore the full range of white collar and elite crimes that are described in the criminological literature. The seriousness of these crimes will be examined in addition to the motivation, techniques, public impact, investigation and the prosecution of offenders and their punishment.

Prerequisite: CRM 101 and CRM 102 and CRM 200 and junior or senior standing. Offered: spring semester and as needed.

**CRM 421 - Special Issues in Criminal Justice (4)**

A forum for focusing on special issues in criminal justice, taught by visiting instructors or regular faculty. Topics covered may change each semester. May be repeated for credit if the topic changes.

Offered: as needed.

**CRM 422 - Terrorism (4)**

This course will examine the origins and development of modern terrorism, from its origins during the Cold War to the present. Through lectures, case studies, and class discussions this course will investigate general and specific elements relevant to understanding the phenomenon, including definition, national and international terrorism, global and regional factors, and terrorism's relationship with rebellion and insurgency. This course will examine terrorist organizations to understand the ideologies, cultures, structures, and causative factors behind major movements.

Distribution: (IG) (NW). Prerequisite: CRM 101 and CRM 102 and CRM 200. Offered: fall semester and as needed.

**CRM 427 - Death Penalty (4)**

An examination of historical, contemporary and international perspectives on the death penalty, and ramifications for victims' families, offenders, the criminal justice system and society as a whole.

Offered: fall semester and as needed.

**CRM 432 - Race, Class, Gender and Crime (4)**

This course will address how racism, classism and sexism operate and intersect in both criminological theories and in the criminal legal system. This course explores theories used to explain crime and covers victimization, offending and work in terms of race, class and gender. The section on offending will address theories, types of offending, systemic responses to offending and prisons.

Prerequisite: CRM 101 and CRM 102. Offered: spring semester and as needed.

**CRM 433 - Complexities of Drug Trafficking (4)**

This course examines the issues associated with international drug trafficking and counter-drug law policies/practices. It explores these issues within the

context of the various political, geographical and socio-economic factors that influence international drug trafficking and counter-drug policies/practices.

Prerequisite: CRM 101, CRM 102 and CRM 200.  
Offered: as needed.

#### **CRM 450 - Independent Study (2-4)**

A series of directed readings and short research projects on topics of interest to the student, determined through student-faculty consultation. May be repeated up to 8 credits.

Prerequisite: Senior standing and minimum GPA of 3.0. Offered: Offered as needed; instructor consent required.

#### **CRM 451 - Senior Thesis (4)**

Requires a substantive research and writing project.

Prerequisite: Senior standing, a minimum GPA of 3.25, membership in the Honors Program or approval of department chair. Offered: as needed.

#### **CRM 601 - Proseminar in Criminal Justice Issues (4)**

Survey of current research, critical issues in the administration of justice, and criminological theory. Designed to acquaint students with recent developments in the disciplines of criminology and criminal justice.

Offered: fall semester and as needed.

#### **CRM 603 - Criminological Theory (4)**

Examines criminological theories with emphasis on the origins and applications of relevant theoretical approaches to crime and criminally deviant behavior. Overview of the major paradigms focusing on the causes of crime and deviant behavior with special attention given to the social, political and intellectual milieu within which each perspective arose. The course will include a discussion of criminological theories from a philosophy of science perspective focusing upon such issues as theory construction, theoretical integration and the formal evaluation of theory.

Offered: fall semester and as needed.

#### **CRM 605 - Criminal Justice Policy and Program Evaluation (4)**

This course explores the principles, techniques, and practices of program evaluation providing basic and advanced methods of evaluation research in a real-world environment. The course will devote particular attention to the criteria for assessing policy outcomes and the idiosyncrasies of working with and within the criminal justice system. The relationship between sound scientific evaluation techniques and effectiveness of criminal justice policy is also emphasized.

Offered: spring semester and as needed.

#### **CRM 607 - Research Design and Methods (4)**

Analytical strategies and methods for conducting quantitative and qualitative research and their applications to problems of crime and criminal justice. Includes definition of research problems, research

design, sampling, measurement, data collection, interviewing, and participant observation and ethical concerns.

Offered: fall semester and as needed.

#### **CRM 609 - Statistics for Criminal Justice Research (4)**

This course develops proficiency in quantitative and qualitative data analysis techniques using computerized statistical programs such as SPSS. Statistical theory and research design issues with interpretation of descriptive and graphical techniques; probability and sampling theory; the normal curve and statistical inference; Central Limit Theorem; Chi-Square, T and F distributions; ANOVA; MANOVA; linear regression; multivariate regression; and factor analysis will be discussed.

Offered: spring semester and as needed.

#### **CRM 611 - Ethical Issues in Criminal Justice (4)**

This course will examine the ethics and moral philosophy in criminal justice including the role of natural law, constitutional law, code of ethics and philosophical principles. The origins of ethical standards the effect of these standards on the administration of justice, and issues of ethical leadership will be addressed. Strong emphasis will be put on examining the roles of justice in a free society and the practical implications of justice to practitioners of police, courts and corrections.

Offered: spring semester and as needed.

#### **CRM 613 - Policing and Public Policy (4)**

Analysis of the development of public policy and criminal justice planning used to solve problems encountered in policing. Problem identification that lead to public policy making, strategic management of law enforcement policy, and the role of police executives as agents of change. Historical and contemporary issues in policing that require policy changes will be explored.

Offered: as needed.

#### **CRM 615 - Corrections and Public Policy (4)**

Analysis of the history, culture, and structure of correctional systems and current issues facing correctional administrators. Problem identification that leads to public policy making, strategic management of corrections policy, and the role of corrections executives as agent of change will be explored.

Offered: as needed.

#### **CRM 617 - Justice, Law and Public Policy (4)**

This course involves the analysis of the development of law and public policy in the criminal justice system, the different contexts within which these laws and policies are developed and implemented, and their overall effectiveness over time. Policy development and legislative processes are explored, along with the process of strategic planning.

Offered: as needed.

**CRM 619 - Victimology (4)**

The study of interrelationships between crime, criminals, victims, and the criminal justice system. Examines patterns and trends in victimization. Identifies the categories of people facing the greatest risks and assesses victim-blaming arguments that invoke facilitation, precipitation and provocation. Analyzes the handling of crime victims by the criminal justice system and explores issues related to victim's rights, restorative justice, as well as the psychological, financial, and medical needs and problems of the victim.

Offered: as needed.

**CRM 621 - White Collar Crime (4)**

Defines white collar crime and the implications associated with enforcement of laws related to white collar criminality and prosecution of such offenses and sentencing of offenders. Examines theoretical explanations for white collar crime and questions of corporate liability. Economic, social, and political costs of corporate and white collar crime will be compared to street crime. Various forms of white collar crime will be examined and illustrated through case studies and research including estimates of cost, victim and offender profiles, and legal issues. Global frauds committed by transnational corporations will be explored.

Offered: as needed.

**CRM 623 - Comparative Criminal Justice Systems (4)**

Examines the diverse types of criminal justice systems throughout the world; analyzes the relationship between crime rates and differential criminal justice systems, as well as socioeconomic development indicators. In-depth analysis of major legal traditions across the world including common law, civil law, socialist law, and Islamic law with the impact of each on approaches to law enforcement, criminal law & procedure, and corrections.

Offered: as needed.

**CRM 649 - Independent Study in Criminology and Criminal Justice (4)**

Provides an opportunity for students to collaborate independently with a faculty member on a scholarly research project that is of interest to the student. Upon completion of the experience, results of research findings will be presented to department faculty and criminology and criminal justice majors. Course is open to students with a GPA of 3.0 or above and at least twenty earned credit hours of graduate work including any two of the following courses: CRM 605, CRM 607, and CRM 609.

Offered: as needed and not repeatable.

**CRM 650 - Thesis (1-4)**

Use of research strategies; principles of research writing and procedures for initiating, executing, and completing a master's thesis. Preparation and approval

of a prospectus followed by completion and defense of the thesis will be accomplished.

Offered: as needed.

**CSC - Computer Science****CSC 101 - The Science of Computing I (4)**

An introduction to computing. Topics include problem solving, algorithm analysis and development, computer programming in Python, data structures, computer organization and architecture, and the object-oriented paradigm.

Offered: fall and spring semesters.

**CSC 102 - The Science of Computing II (4)**

More in-depth coverage of computing. Topics include problem solving, algorithm analysis and development, object-oriented programming in Python, high-level data structures, computer organization and architecture, and various applications of computing.

Prerequisite: CSC 101 The Science of Computing I (with a grade of "C" or better). Offered: fall and spring semesters.

**CSC 201 - Data Structures and Algorithm Analysis (4)**

The storage and manipulation of basic data structures such as arrays, linked lists, stacks, queues, trees, hash tables, and graphs. Emphasis is placed on practical applications of these data structures.

Prerequisite: CSC 102 The Science of Computing II (with a grade of "C" or better). Offered: fall and spring semesters.

**CSC 210 - Computer Organization and Architecture (4)**

Architecture and organization of computer systems. Computer organization topics include data representation, digital logic, Boolean algebra, minimization techniques. Computer architecture topics include the CPU, instruction set architectures, memory hierarchy and management, input/output systems, alternative architectures, performance measurement and analysis.

Prerequisite: CSC 102 The Science of Computing II (with a grade of "C" or better). Offered: fall.

**CSC 220 - Operating Systems and Systems Programming (4)**

An introduction to systems programming (in the context of Linux and C/C++) and operating systems. Topics include linking, writing scripts, performing system calls, managing memory, and using concurrency; process management, storage management, device management, performance, and security.

Prerequisite: CSC 201 Data Structures and Algorithm Analysis (with a grade of "C" or better). Offered: spring.

**CSC 230 - Software Design and Engineering (4)**



Design, construction, and maintenance of large software systems. Project planning, requirements analysis, software design methodologies, software implementation and testing, maintenance.

Prerequisite: CSC 201 Data Structures and Algorithm Analysis (with a grade of "C" or better). Offered: spring.

#### **CSC 301 - Advanced Data Structures and Algorithms (4)**

Advanced data structures and algorithm design and analysis. Topics include analysis techniques, advanced searching and sorting, advanced data structures (e.g., specialized trees, graphs), algorithm design techniques, and NP-completeness.

Prerequisite: CSC 230 Software Design and Engineering (with a grade of "C" or better). Offered: fall.

#### **CSC 310 - Ethics and Impact of Computing (4)**

An examination of the ethical, social, and legal implications of computers, computing, communications, and other digital technologies. Emphasis is placed on writing and professional presentations (including debates). This course includes a significant amount of writing through several standalone essays and a major paper that is developed in an iterative process with frequent feedback.

Distribution: (W). Prerequisite: CSC 230 Software Design and Engineering (with a grade of "C" or better). Offered: spring.

#### **CSC 320 - Theory of Computation (4)**

An overview of formal languages, the abstract models of computing capable of recognizing those languages, and the grammars used to generate them.

Prerequisite: CSC 301 Advanced Data Structures and Algorithms and MAT 270 Discrete Mathematics for Computer Science (with grades of "C" or better). Offered: fall.

#### **CSC 330 - Introduction to Computer Network Security (4)**

Overview of cyber security. Provides students with practical cyber security experience based on theoretical foundations. Topics include: cryptography, computer network defense, covert channels, reverse engineering, steganography, access control, web site exploitation, and other relevant and current topics in security.

Prerequisite: CSC 201 Data Structures and Algorithm Analysis (with a grade of "C" or better). Offered: spring.

#### **CSC 340 - Database Management Systems (4)**

The theory, design, and implementation of relational database management systems. Topics include effective storage, security, and applied applications of legacy storage. Emphasis on the practical steps towards the creation of effective database management systems and the implementation of a simple database.

Prerequisite: CSC 201 Data Structures and Algorithm Analysis (with a grade of "C" or better). Offered: spring.

#### **CSC 350 - Web Programming and Development (4)**

A comprehensive overview of Website development. Includes both server- and client-side installation, configuration, and programming; database integration; and an overview of security implications and considerations.

Prerequisite: CSC 230 Software Design and Engineering (with a grade of "C" or better). Offered: spring.

#### **CSC 401 - Senior Capstone I (2)**

This course allows students to integrate what they have learned throughout the curriculum in an applied, real world setting. Students work in teams on a major project, applying software engineering principles along the way. The course also emphasizes professional presentations and technical reports at various points in the project. This is the first half of the senior capstone experience, where teams will begin their work on a major project.

Prerequisite: Senior status and CSC 301 Advanced Data Structures and Algorithms (with a grade of "C" or better). Offered: fall and spring semesters.

#### **CSC 402 - Senior Capstone II (2)**

This course allows students to integrate what they have learned throughout the curriculum in an applied, real world setting. Students work in teams on a major project, applying software engineering principles along the way. The course also emphasizes professional presentations and technical reports at various points in the project. This is the second half of the senior capstone experience, where teams will finish their work on a major project and present their results.

Prerequisite: CSC 401 Senior Capstone I (with a grade of "C" or better). Offered: fall and spring semesters.

#### **CSC 410 - Artificial Intelligence and Machine Learning (4)**

An overview of AI, including history, impact, implications, and the potential of artificial intelligence. Machine learning: perceptrons, multi-layer networks, and deep learning. Classical AI: game playing and search, propositional logic, first order logic, inference. Knowledge representation.

Prerequisite: CSC 301 Advanced Data Structures and Algorithms (with a grade of "C" or better). Offered: fall.

#### **CSC 420 - Programming Languages and Compilers (4)**

Techniques for specifying the syntax and semantics of programming languages, including language concepts, execution environments, comparative analysis of programming languages. Principles of compiler design, including lexical analysis, syntax analysis, error detection and recovery.

Prerequisite: CSC 301 Advanced Data Structures and Algorithms (with a grade of "C" or better). Offered: fall.

#### **CSC 450 - Independent Study in Computer Science (1-4)**

Independent project developed under the guidance of a Computer Science faculty member. Students can apply

by consulting with and submitting a project proposal to a Computer Science faculty member for 1-4 credits.

Prerequisite: Junior status, minimum GPA of 3.0, and consent of instructor.

### **CSC 499 - Special Topics in Computer Science (4)**

A special topics course that allows faculty members to explore topics in computer science. May be repeated for additional credit, with a maximum of 8 credits total.

Prerequisite: Consent of instructor.

## **CYB - Cybersecurity**

### **CYB 501 - Fundamentals of Information Security**

This course provides a conceptual and hands-on introduction to the cybersecurity field. It covers the main areas of interest in cybersecurity, programming, networking, and network security. In the conceptual part, students will be exposed to the fundamental concepts of cybersecurity, common vulnerabilities, threats, and attacks, and technical and administrative control - getting a general overview of the field. In the hands-on part of the class, students will be exposed to the basics of programming and networking. Students will be using common cybersecurity tools to simulate well-known attacks and related security measures.

Offered: fall and spring.

### **CYB 601 - Computer and Internet Security (4)**

This course provides the conceptual and technical foundations to the cybersecurity field. It covers areas of computer and Internet security. Students are exposed to inner workings of operating systems and fundamentals of web security and database security. The operating systems content covers areas such as file systems, identity and access management, and client-server architecture. The web and database security content is supplemented with hands-on activities with a focus on related attacks. Students will also be exposed to command languages and scripting for security-related task automation.

Prerequisite: CYB 501. Offered: fall and spring.

### **CYB 610 - Cloud Systems Security (4)**

Introduction to the important concepts pertaining to securing cloud-based information technology infrastructure. Covers architectural and design requirements of cloud systems. Includes data, platform and application security topics. Cloud operations and legal and compliance issues are examined. Experiential labs and assignments using a large cloud service provider is integrated in the course.

Prerequisite: CYB 501. Offered: fall.

### **CYB 620 - Risk Assessment & Contingency Planning (4)**

An overview of the processes and considerations required to properly prepare organizations for significant disruptions to operations and IT infrastructures. A comprehensive risk management framework will be covered to prepare students to

conduct both enterprise and IT risk assessments. Students will then learn how to design, implement and test contingency plans including business impact analyses, business continuity plans, and disaster recovery plans. To apply knowledge obtained in the course, students will participate in case discussions, simulations, and projects.

Prerequisite: Corequisite or Prerequisite: CYB 501, QMB 500. Offered: fall.

### **CYB 630 - Incident Response Management (4)**

Introduction to incident response management and digital forensics. The course examines the skills and knowledge needed to conduct formal investigations and manage incident response teams. Attention is given to system breaches, advanced persistent threats, and anti-forensic practices. The course covers the skills needed to collect and analyze data from Windows and Linux systems. Experiential labs and assignments using forensic tools is integrated in the course.

Prerequisite: Prerequisite: CYB 501, CYB 601. Offered: Spring.

### **CYB 640 - Secure Software Design (4)**

This course covers a broad range of topics relating to processes and procedures for developing secure software systems and common vulnerabilities found in software applications. Taking a holistic approach to application security, the course discusses common technical vulnerabilities found in software, procedures for mitigating such vulnerabilities, and general procedures to ensure software is developed in a secure manner. Content is based on the Certified Secure Software Lifecycle Professional (CSSLP) curriculum and is supplemented by hands-on experience in finding and remediating vulnerabilities in software solutions.

Prerequisite: Prerequisite: CYB 501. Offered: spring semester.

### **CYB 650 - Security Governance & Leadership (4)**

The course covers the strategic role of cybersecurity managers within an organization. Students will learn how to implement various governance frameworks and security concepts in a business environment. Students develop leadership skills to be more effective managers including Chief Information Security Officers of organizations. The course will prepare students how to design, operate, maintain, and assess holistic information security programs. Moreover, students learn how to provide effective information security consulting to organizations.

Prerequisite: Corequisite or Prerequisite: CYB 501. Offered: spring.

### **CYB 660 - Penetration Testing (4)**

A course covering offensive security and hacking techniques. The course takes a hands-on approach to penetration testing and vulnerability scanning in a lab environment. Topics include scripting, target reconnaissance, scanning, exploitation and post-exploitation. Open source tools are used throughout

the course. Ethics and legal considerations are emphasized.

Prerequisite: Prerequisite: CYB 501, CYB 601.  
Offered: Fall.

#### **CYB 670 - Cybersecurity Research Seminar (4)**

Taking this course will expose students to a range of historic and current research in cybersecurity to understand problems of interest to the field and methods used to address them. Students will learn how to conduct high quality research for both academic and practitioner purposes. Students will utilize state-of-the-art software to conduct data analysis and will gain a better understanding of how to interpret the results.

Offered: spring.

#### **CYB 675 - Cybersecurity Graduate Thesis (6)**

Qualified students working in class meetings and individually with professors who have agreed to supervise such work. The thesis must be a substantial piece of work demonstrating the use of research methods and presentation of research results. Students are expected to present their work to their peers and participate in research events organized by the university. This course is a six-credit hour thesis and is expected to take two semesters to complete.

Prerequisite: CYB 670 and instructor permission.  
Offered: summer.

#### **CYB 695 - Special Topics in Cybersecurity (4)**

For graduate students only. Contemporary topics in cybersecurity and information systems.

Prerequisite: To be specified at time of offering.

#### **CYB 699 - Independent Study in Cybersecurity (1-8)**

A course offered at the discretion of Cybersecurity faculty. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering.

## **DAN - Dance**

#### **DAN 100 - Introduction to Dance (3)**

A studio/performance-oriented, course that explores, dance vocabulary, dance technique and dance history in various dance disciplines and familiarizes students with little or no dance experience with basic movement concepts and styles.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **DAN 102 - Applied Dance Fundamentals I (2)**

For Applied Dance Majors and Minors only. This studio/performance multimodal course focuses on introducing the student to healthy, well-informed engagement as a practicing dance educator. Material covered includes instruction and practice in overall self-care; an introduction to creative movement and, dance vocabulary; the concept of multiple intelligences;

and introduction to brain-compatible dance pedagogy; and an introduction to the National Dance Standards.

Distribution: (A). Offered: fall semester.

#### **DAN 110 - Ballroom Dance I (3)**

A studio/performance-oriented course that focuses on development of basic skills of ballroom dance, the art of two bodies moving as one through the use of lead and follow techniques, including improvisation and creativity. Emphasis is on standard ballroom dances, including waltz, rumba, mambo/salsa, tango, swing, and hustle. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall semester.

#### **DAN 141 - Beginning Jazz Dance I (3)**

A studio/performance-oriented course that focuses on fundamentals of jazz techniques and includes strengthening, stretching, basic movement combinations, improvisation, postural awareness, and creativity. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **DAN 142 - Beginning Modern Dance I (3)**

A studio/performance-oriented course that focuses on fundamentals of modern dance technique, and includes strengthening, stretching, basic movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **DAN 144 - Beginning Tap Dance (3)**

A studio/performance-oriented course that focuses on basics of tap dance technique and includes basic movement combinations, improvisation, postural awareness, and creativity. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall semesters.

#### **DAN 145 - Dance Partnering for the Stage (3)**

A studio/performance-oriented course that focuses on development of basic skills of working with a partner in class as well as onstage. Explores the fundamentals of two bodies moving as one through the use of lead and follow techniques as well as an introduction to basic lifts and dynamics of mutual support. Includes some basic ballroom forms as well as partner improvisation. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Offered: spring semester.

#### **DAN 149 - Beginning Ballet I (3)**

A studio/performance-oriented course that focuses on fundamentals of classical ballet techniques and includes basic movement combinations, improvisation, postural awareness, and creativity. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **DAN 151 - Beginning Hip Hop, Urban and Funk (3)**

A studio/performance-oriented course that focuses on the fundamentals of hip hop and funk technique and includes basic movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Offered: Varies when offered.

### **DAN 191 - West African Dance (3)**

A studio/performance-oriented course that focuses on development and exploration of West African dance techniques and tradition and includes basic movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Offered: varies when offered.

### **DAN 197 - Beginning Jazz Dance II (3)**

A studio/performance-oriented course that focuses on the further development of jazz techniques and includes strengthening, stretching, more advanced movement combinations, improvisation, postural awareness, and creativity. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 141 or consent of instructor. Offered: fall semester.

### **DAN 198 - Beginning Modern Dance II (3)**

A studio/performance-oriented course that focuses on the further development of modern dance techniques, and includes strengthening, stretching, more advanced movement combinations, improvisations, postural awareness and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 142 or consent of instructor. Offered: fall semester.

### **DAN 199 - Beginning Ballet II (3)**

A studio/performance-oriented course that focuses on further development of classical ballet techniques and incorporates strengthening, stretching, more advanced movement combinations, improvisation, postural awareness and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 149 or permission of instructor. Offered: spring semesters.

### **DAN 200 - Dance in World Cultures (4)**

An examination of non-Western dance forms, including classical, ceremonial and folk/traditional, in their historical and cultural contexts. This course is enhanced by observing video and live performances.

Distribution: (A) (HFA) (IG) (NW) (W). Offered: fall, spring and summer semesters.

### **DAN 201 - Dance History (4)**

A historical overview of 3,000 years of dance as an art form that has become a unique means of aesthetically expressing human emotions. Enhances study through viewing of videotapes and live performances.

Distribution: (A) (HFA). Offered: fall and spring semesters.

### **DAN 202 - Applied Dance Fundamentals II (2)**

This studio/performance multimodal course builds on concepts and practices from Applied Dance Fundamentals I. Includes the 5-part lesson plan and dance concepts of brain-compatible teaching methods and teaching philosophy. Required for Dance Majors and Minors.

Distribution: (A). Prerequisite: DAN 102. Offered: fall semester.

### **DAN 210 - Ballroom Dance II (3)**

A studio/performance-oriented course focuses on development of basic skills of Latin ballroom dance, the art of two bodies moving as one through the use of lead and follow techniques, including improvisation and creativity. Emphasis is on Latin dance forms, including salsa, samba, bachata, rumba and merengue. May be repeated once.

Distribution: (A) (HFA/ST). Offered: spring semester.

### **DAN 231 - Dance Happening Repertory (0-1)**

A seven week studio/performance-oriented course for credit that includes choreographing, performing or assisting with the presentation of the Dance Happening. May be repeated for credit.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **DAN 232 - Spring Dance Concert Repertory (0-1)**

A studio/performance-oriented course for credit that includes performing in, or assisting with the technical production of the Spring Dance Concert. May be repeated for credit.

Distribution: (A) (HFA/ST). Offered: spring semester.

### **DAN 241 - Intermediate Jazz Dance (3)**

A studio/performance-oriented course that focuses on working towards mastery of jazz technique, and includes strengthening, stretching, complex movement combinations, improvisation, postural awareness, and creativity. Fulfills jazz dance requirement for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 197 or consent of instructor. Offered: fall semester.

### **DAN 242 - Intermediate Modern Dance (3)**

A studio/performance-oriented course that focuses on working toward mastery of modern dance techniques and includes strengthening, stretching, complex movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 198 or consent of instructor. Offered: fall semester.

### **DAN 244 - Intermediate Tap Dance (3)**

A studio/performance-oriented course that focuses on working towards mastery of tap techniques, and includes strengthening, stretching, complex

movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 144 or permission of instructor. Offered: spring semester.

### **DAN 246 - Musical Theatre Dance (3)**

A studio/performance-oriented course that focuses on mastery of modern and jazz dance technique as it pertains to musical theater dance/performance and includes strengthening, stretching, complex movement combinations, postural awareness, and creativity. Required for a major in Musical Theatre. May be repeated once.

Distribution: (A) (HFA/ST). Offered: fall semester.

### **DAN 249 - Intermediate Ballet (3)**

A studio/performance-oriented course that focuses on working towards mastery of classical ballet techniques and includes strengthening, stretching, complex movement combinations, improvisation, postural awareness, and creativity. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 199 or consent of instructor. Offered: fall semester.

### **DAN 261 - Stretching and Relaxation (2)**

A studio/performance-oriented course that focuses on development and reinforcement of positive lifestyle habits based on body awareness through a systematic program of stretching and relaxation techniques. May be repeated once.

Distribution: (HFA/ST). Offered: fall and spring semesters.

### **DAN 269 - Dance Improvisation (1)**

A studio/performance-oriented course that explores creative movement skills and practices to build confidence, as well as techniques to prepare for building and choreographing dances. Emphases are on stretching boundaries of movement through improvisation, and practicing ways in which movement can be developed and manipulated toward choreography.

Distribution: (A) (HFA/ST)). Offered: every fall semester.

### **DAN 270 - Composition and Choreography (1)**

A studio/performance-oriented course. An exploration of methods of building and structuring dances, beginning with movement, phrasing and patterns, and culminating in choreography projects. May be repeated once.

Distribution: (A) (HFA/ST). Prerequisite: DAN 269. Offered: every spring semester.

### **DAN 302 - Applied Dance Fundamentals III (2)**

This studio/performance multimodal course builds on concepts and practices from Applied Dance Fundamentals II. Focuses on brain-compatible teaching practice in established dance technique classes. Required for Dance Majors and Minors.

Prerequisite: DAN 202. Offered: fall semester.

### **DAN 320 - Dance Anatomy, Kinesiology and Injury Prevention (3)**

Emphasis is on basic kinesiology principles and terminology as applied to dance training and technique with a focus on muscular-skeletal anatomy and function. Includes assessment of core strength, muscular strength, balance, flexibility, and skeletal alignment in the context of a typical dance class. Familiarizes students with common dance injuries, their causes, and basic methods of care and rehabilitation. All of these areas will be applied to creating a safe and effective dance class. Required for Dance Majors and Minors.

Distribution: (HFA). Prerequisite: DAN 102, DAN 242 or DAN 342, DAN 249 or DAN 349; or permission of instructor. Offered: spring semester.

### **DAN 330 - Special Topics in Dance (1-4)**

Special Topics in Dance will offer instruction and experiences in dance-related courses such as specialized dance techniques, dance theory and pedagogy. May be repeated once.

Distribution: (A) (HFA). Offered: Varies when offered.

### **DAN 342 - Advanced Contemporary Dance (3)**

A studio/performance-oriented course that focuses on complex contemporary dance techniques while exploring creativity and individual movement styles. May be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: DAN 242 or permission of instructor. Offered: spring semester.

### **DAN 349 - Advanced Ballet (3)**

A studio/performance-oriented course that focuses on mastery of advanced level ballet technique and includes complex movement combinations, improvisation, and creativity. May be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: DAN 249 or audition. Offered: spring semester.

### **DAN 380 - Teaching Methods for Dance (4)**

This course is designed to meet the needs of students to better understand the developmental considerations and the scope and sequence of dance curricular design and teaching methods appropriate to a wide range of ages and groups. National Dance Standards and application of assessment methods also will be utilized.

Distribution: (HFA). Prerequisite: For Applied Dance Majors and Minors only. DAN 202 or permission of instructor. Offered: spring semester.

### **DAN 410 - Applied Dance Internship (0-4)**

An intensive study involving the application of theoretical, philosophical, and pedagogical principles of dance education for the targeted population. Application for internship must be approved at least one semester prior to enrollment for the course. Lectures and seminars about curriculums and instruction issues will be presented at the University. Field experience placements will be based

on elementary, secondary, or other community settings available at the time.

Prerequisite: An elective course for Applied Dance Majors only. DAN 380 and senior status. Offered: Offered as needed; dept. approval required.

#### **DAN 450 - Senior Capstone Project (1)**

This capstone course presents an opportunity to integrate skills and experiences into a final culminating project. Sample topics range from creating a business plan for opening a dance studio to designing a program for a community-based dance program to constructing a plan and curriculum for movement-based learning in the classroom. There will be an emphasis on the practical application of the project.

Prerequisite: For Applied Dance Majors only. Senior status. Offered: spring semester.

#### **DAN 480 - Teaching Methods for Community and Diverse Populations (4)**

This course is designed to help students to understand community-based art, and how to create--through research, writing, and practice--movement-oriented programs and relationships with community centers and organizations that include age considerations, curricular choices, and teaching methods appropriate to diverse populations. Focus includes working with a variety of populations, which may include the mentally ill, older adults, people with disabilities, people in prisons, and people in hospitals and healthcare settings.

Prerequisite: DAN 380. For Applied Dance Majors and Minors only. Offered: fall semester.

## **DSC - Data Science**

#### **DSC 101 - Introduction to Data Science (4)**

This course is an introduction to data science. Information is provided about the profession and its place in a variety of domains that range from ecology to finance. Students will study and practice each phase of a data science project to include data acquisition, data cleaning and manipulation, data analysis, and the communication of results with an emphasis on visual representations. Ethical considerations will be discussed at each project level.

Prerequisite: CSC 101 with a C or higher. Offered: spring semester.

#### **DSC 201 - Applied Data Science (4)**

This course introduces and upgrades tools for data analysis and presentation. Seminal works in the field of data visualization and their implications for visual design are discussed. Data mining, algorithmic complexity, mathematical modeling, and statistical methods are explored, while ethics, visuals and data handling are elevated from the introductory course.

Prerequisite: CSC 102 with a C or higher, DSC 101 with a C or higher, MAT 272 with a C or higher. Offered: spring semester.

#### **DSC 401 - Data Science Capstone (4)**

In this course, students work as individuals and teams on a data science capstone project in a domain of interest, completing each stage from data acquisition to the communication of results.

Prerequisite: CSC 201, DSC 201, MAT 310, Senior Status. Offered: spring semester.

## **ECO - Economics**

#### **ECO 204 - Principles of Microeconomics (4)**

An economic analysis of the interactions between households, businesses and the government regarding the allocation of goods, services and resources. Topics include the theory of consumer behavior, production and cost determination, and resource pricing.

Distribution: (SS). Prerequisite: MAT 150 competency recommended (all COB majors are required to take MAT 225). Offered: fall and spring semesters.

#### **ECO 205 - Principles of Macroeconomics (4)**

An introduction to aggregate economic analysis; use of the aggregate demand/aggregate supply model for the determination of output, employment and prices; use of the production possibilities curve analysis to illustrate opportunity cost and to show gains from trade applying the concept of comparative advantage; structure and functions of the Federal Reserve System; and conduct of monetary policy.

Distribution: (SS). Prerequisite: MAT 150 competency recommended (all COB majors are required to take MAT 225). Offered: fall and spring semesters.

#### **ECO 300 - Labor Economics (4)**

Labor economics examines the organization, functioning and outcomes of labor markets; the decisions of prospective and present labor market participants; and the public policies relating to the employment and payment of labor resources.

Distribution: (SS). Prerequisite: ECO 204 and ECO 205. Offered: spring semester.

#### **ECO 310 - Environmental Economics and Management (4)**

The course teaches students to use economic concepts to critically evaluate social, political and business decisions regarding environmental resource use, environmental regulation and environmental degradation. Students will gain insight into how to respond as business decision-makers to environmental regulations and to increased global competition for scarce resources.

Distribution: (SS). Prerequisite: ECO 204.

#### **ECO 315 - International Economic Development (4)**

This course is designed to provide students with an introduction and overview of development economics. The course will focus on the economies of countries other than the United States, explore the interaction

between the developed and the less-developed economies of the world, and examine international trade and environmental issues in developing countries.

Distribution: (IG) (NW) (SS). Prerequisite: ECO 204 and ECO 205. Offered: every other spring semester.

#### **ECO 320 - Intermediate Microeconomics (4)**

This course analyzes consumer choice theory; the theory of production; competitive, oligopolistic and monopolistic market structures; and behavioral economics.

Distribution: (SS). Prerequisite: ECO 204, ECO 205 and MAT 225 (or equivalent). Offered: fall and spring semesters.

#### **ECO 321 - Intermediate Macroeconomic Analysis (4)**

This course is designed to analyze the domestic and international impacts of public policy on GDP, employment, inflation, the trade deficit and budget surplus, the international flow of capital, foreign exchange rate variations and international competitiveness.

Distribution: (SS). Prerequisite: ECO 204, ECO 205 and MAT 225 (or equivalent). Offered: fall and spring semesters.

#### **ECO 340 - Game Theory (4)**

Game theory is the study of behavior in the context of strategic interdependence. It is critical to understanding behavior and outcomes when an individual's welfare depends on both their own choices and the choices of others. This course introduces the core concepts of game theory, including modeling strategic interdependence, dominant, dominated, and rationalizable strategies, best replies, Nash equilibria in pure, continuous and mixed strategies, repeated games, extensive-form games and subgame perfection, imperfect and asymmetric information, auctions, voting, bargaining, mechanism design, and evolutionary game theory. Applications include topics in economics, business, politics, sports, and life.

Distribution: (SS). Prerequisite: ECO 204, MAT 225 (or equivalent), and QMB 210 (or equivalent). Offered: every other spring semester.

#### **ECO 355 - Economic History (4)**

This course will guide students to better understand historical events by utilizing their knowledge of economic methods. We will analytically apply economic theory and other mathematical methods to the study of history. The goal will be to understand why major changes in our socioeconomic environment have taken place over the passage of human history. For example, we will learn why certain civilizations conquered others, why certain regions are wealthier than others, and we will study the determinants of human prosperity in order to be able to understand how we have become so rich relative to our ancestors.

Distribution: (SS). Prerequisite: ECO 204 and ECO 205.

#### **ECO 360 - Health Economics (4)**

This course provides the core microeconomic theories needed to understand the health care markets in both the developed and developing world. Topics will include basic microeconomic models, demand for health care, supply of health care, insurance markets, and country-specific health care systems. The content of this course will help you evaluate health policy debates from an economic framework and interpret empirical evidence in health economics.

Prerequisite: ECO 204.

#### **ECO 420 - Public Choice and the Economics of Politics (4)**

Public Choice is the study of the economics of politics using applied microeconomics. It examines decision making within democratic political structures. The course examines the economics of voting, bureaucracy, political economy, and constitutional design, from the perspective of private individuals, elected officials, and special interest groups. The tools of the course are used to analyze contemporary policy issues including voting rights, political entrepreneurship, foreign aid/intervention, and taxation policy. Students are required to undertake individualized research projects, applying the core materials from the course to their own areas of interest.

Distribution: (SS) (W). Prerequisite: ECO 320. Offered: every other fall semester.

#### **ECO 421 - Mathematical Economics (4)**

The purpose of this course is to learn modeling techniques and apply them to current issues in modern economic research. Students will learn how to specify economic problems in terms of a mathematical model, solve them and interpret the results. Computational software programs are used in the course to solve these models and plot the results.

Distribution: (SS). Prerequisite: MAT 225 (or equivalent) and ECO 320 or ECO 321.

#### **ECO 430 - International Economics and Finance (4)**

This course covers the core concepts of international trade and international finance. The first half of the semester is devoted to international trade, including the basis for trade, gains from trade, trade policy and factor mobility. The second half of the semester is dedicated to international macroeconomics-finance, including balance of payments, foreign exchange rates and international capital flows. There will be a continual focus on current events throughout the semester.

Distribution: (IG) (SS). Prerequisite: ECO 320 or ECO 321. Offered: every other fall semester.

#### **ECO 432 - Economics of Emerging Markets (4)**

This course will examine major economic and financial issues related to emerging markets, with a

particular emphasis on the BRIC countries (Brazil, Russia, India and China). The following topics will be considered: economic liberalization programs undertaken by emerging markets in recent decades, growth drivers in the emerging markets, financial sector challenges facing key emerging markets, and monetary policy challenges faced by emerging markets.

Distribution: (IG) (SS). Prerequisite: ECO 321.

#### **ECO 435 - Forecasting (4)**

To learn the theory and practice of economic and business forecasting. Students begin with an in depth analysis of relevant statistical tools and regression techniques. Students apply these tools to develop forecasting models of data that contain trends and seasonality. ARIMA models are developed to study cyclical behavior. By the end of the course, students are able to combine these tools to build forecasts of data that contain trends, seasonality, and cyclical behavior. Throughout the course, the software program E-views is used to create forecasts of real world examples from business and economics.

Distribution: (SS). Prerequisite: ECO 320 and ECO 321. Offered: spring semester.

#### **ECO 442 - Monetary Economics (4)**

This course will provide an advanced treatment of key topics in the field of monetary economics. The course aims to instill in students a deep understanding of the economic role of money and banking. Models of money demand (Baumol-Tobin model, etc.), along with a thorough analysis of factors influencing money supply, will be considered. Structural aspects of major central banks will be discussed, and, sophisticated insights into domestic and international monetary policy transmission mechanisms will be highlighted. Economic modeling of currency crises will be discussed. Key aspects of the international monetary system will be stressed as well.

Distribution: (SS). Prerequisite: ECO 321.

#### **ECO 460 - Econometrics (4)**

The course introduces basic econometric techniques that are of value to economics and business majors. The emphasis will be on understanding the linear regression model, including some key extensions and relevant applications. Besides basic fundamentals of regression analysis, the course will cover panel data models, instrumental variables, causality, time series and forecasting. Students will be required to undertake a forecasting exercise as part of the requirements for completion of the course.

Distribution: (SS). Prerequisite: Either ECO 320 or ECO 321, and MAT 225 (or equivalent). Corequisite: BAC 100. Offered: fall semester.

#### **ECO 461 - Seminar in Economics (4)**

This course is designed to provide upper-level economics majors with a broad overview of key topics in economics. Areas of emphasis include U.S. and global economic conditions, monetary policy, economic

growth and international economics. This is an applications course, relating the theoretical framework of economics to real-world economic developments. Students who successfully complete the course will have a good grasp of some of the fundamental economic issues and developments currently affecting the U.S. and global economies.

Distribution: (SS). Prerequisite: ECO 321. Offered: fall and spring semesters.

#### **ECO 490 - Economics Internship (1-8)**

This internship exposes the student to a real-life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship should be relevant to the student's major, and is worked out between the organization and the student. May not be used to satisfy major requirements. Approval of the department chair required.

Distribution: (SS). Prerequisite: Junior or senior standing, ECO 320 and a minimum cumulative GPA of 2.75 or a 3.0 in COB courses. Offered: Offered as needed; dept. approval required.

#### **ECO 495 - Special Topics in Economics (4)**

A course offered at the discretion of the economics department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Distribution: (SS). Prerequisite: To be specified at time of offering. Offered: Varies when offered.

#### **ECO 499 - Independent Study in Economics (1-4)**

A readings or independent study course taken for variable credit.

Prerequisite: Minimum 3.0 GPA and consent of the department chair and associate dean. Offered: Offered as needed; instructor consent required.

#### **ECO 500 - Microeconomics for Managers (2)**

This course provides an introduction to microeconomics for graduate business students at The University of Tampa. The student will gain the ability to analyze various microeconomic problems which are common in our economy and society. Models and theories studied will help the student understand how producers could best allocate scarce resources to produce goods and services. Likewise, they will gain insight into what drives consumers to give up resources to obtain goods and services produced by others. Upon completion of this course, students should be able to apply the tools to business situations and to everyday life.

Offered: fall, spring and summer semesters.

#### **ECO 501 - Macroeconomics for Managers (2)**

This course provides an introduction to macroeconomics for graduate business students at The University of Tampa. This course will be dedicated to the study of macroeconomics--the study of the economy as a whole. We will study the benefits from



trade and specialization, how the economy as-a-whole functions, the role of government in the economy and the effects of economic policy. Throughout the class, we will also discuss some core macroeconomic issues - growth, business cycles, unemployment, inflation, interest rates and the role of money-within any economic system.

#### **ECO 610 - Environmental Economics and Management (4)**

For graduate students only. The course teaches students to use economic concepts to critically evaluate social, political and business decisions regarding environmental resource use, environmental regulation and environmental degradation. Students will gain insight into how to respond, as business decision-makers, to environmental regulations and to increased global competition for scarce resources.

Prerequisite: ECO 500 or permission of instructor.

#### **ECO 611 - Econometrics (4)**

This course provides a survey of econometric methods useful for solving problems within business analytics. By combining econometric techniques with real-world data, students learn to model relevant microeconomic and macroeconomic phenomena ranging from a firm's sales forecast and cost function to economy-wide consumption and unemployment. Inferences from the models and their implications on business decisions are drawn from model testing. Each week begins with a Power Point lecture and short reading, which are then followed by on-line labs using data to address real-world problems with econometric software. Students are assessed through quizzes, labs, homework and two exams.

Prerequisite: ECO 500. For graduate students only. Offered: Offered as needed.

#### **ECO 622 - Global Macroeconomy (4)**

For graduate students only. This course introduces students to the global economic environment within which all modern business firms operate. The external factors considered, which directly or indirectly impact business decision-making and operations, include: domestic and foreign interest rates, exchange rate policies, foreign investment, overseas economic conditions, and international trade and capital flows. A primary objective of the course is to introduce students to major contemporary economic issues that are of international significance.

Prerequisite: ECO 500. Offered: Offered as needed.

#### **ECO 632 - Economics of Emerging Markets (4)**

For graduate students only. The course will examine major economic and financial issues related to emerging markets, with a particular emphasis on the BRIC countries (Brazil, Russia, India and China). The following topics will be considered: Economic liberalization program undertaken by emerging markets in recent decades; Growth drivers in the emerging markets; Financial sector challenges facing

key emerging markets; and, monetary policy challenges faced by emerging markets.

Prerequisite: ECO 500. Offered: Offered as needed.

#### **ECO 640 - The Economics of Organizations (4)**

For graduate students only. The Economics of Organizations uses the business-related tenets of economics to generate a modern, consistent, formal framework for strategic decision-making. After introducing intermediate microeconomic theory, the course uses economic intuition to address cost issues ranging from outsourcing to the addition of new product lines, agency issues from explicit contract theory to the multi-task principle and team production, and imperfect competition issues ranging from Bertrand pricing to the assessment of Cournot strategic interactions. The international dimension is integrated throughout the course in establishing the competitive organizational form for the firm given the market in which it competes.

Prerequisite: ECO 500, ECO 501 and MKT 500. Offered: fall, spring and summer semesters.

#### **ECO 689 - Contemporary Global Economic Issues (4)**

The course aims to provide business students with a broad overview of key topics in international macroeconomics and finance. The following aspects will be emphasized in the course: drivers of long-term economic growth and development; challenges posed by natural resource abundance; international business cycle fluctuations; cross-border interdependence and spillover; causes and consequences of global imbalances; and key aspects of international finance - exchange rates, currency crises, and global monetary system. This course will emphasize applications - usage of basic frameworks of economics to analyze and understand real economic developments.

#### **ECO 695 - Special Topics in Economics (4)**

A course offered at the discretion of the ECO department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: Varies when offered.

#### **ECO 699 - Independent Study in Economics (1-4)**

For graduate students only. Contemporary topics in economics.

Prerequisite: Minimum 3.5 GPA and written permission of the department chair. Offered: Offered as needed; instructor consent required.

## **EDBA - Executive Doctor of Business Administration**

#### **EDBA 905 - Contemporary Business Research Issues**

This course introduces students to the role of a practitioner scholar and introduces them to the research process. It is designed for practitioners with minimal prior research experience. Students begin with exploring the possibilities for a research contribution to practice through an understanding of research methods and then gain experience and understanding with the process of writing a research question.

#### **EDBA 910 - Driving Innovation in Your Organization**

The DBA Seminar in Entrepreneurship and Innovation is designed to expose students to cutting-edge theoretical and empirical developments, and appropriate methodological perspectives on entrepreneurship and innovation research. To build a solid understanding of the entrepreneurship and innovation phenomena, the course will commence with a review of the foundations and intellectual heritage of the entrepreneurship and innovation fields. Subsequently, it will focus on some of the main questions that define these fields today and critically examine how researchers are approaching these questions.

#### **EDBA 915 - Global Business and Economics**

This course is oriented towards introducing experienced business professionals to the latest economic theories and applications. An important objective of this course is to encourage and stimulate independent research that is application oriented. The course will provide a thorough understanding of the global economic environment within which modern business and financial decisions are made. The aim is to train course participants to think systematically about the current state of the domestic and global economy and to objectively evaluate the impact of macroeconomic shocks and policy decisions on the business environment.

#### **EDBA 920 - Leading Change**

Change is an enigma and yet sustained, desirable change (SDC) drives adaptation, growth and life itself. In this course, we will continuously attempt to answer two questions: What is the process of sustained, desirable change? What is the role of a leader? Concepts from various leadership theories will be used, including understanding the multilevel nature of SDC at the individual, team, and organizations levels. Intentional Change Theory (ICT) will be used, along with other leadership theories as the organizing concept for the changes studied.

#### **EDBA 925 - Multidisciplinary Strategic Thinking**

This course will cover the modern theories in the field of strategic management. Students will learn the main research themes, the current debates that characterize the field, and the unanswered research questions that are still being studied. The traditional topics are the research-based view of the firm, sources of competitive advantage, design thinking, top

management teams, organizational learning and knowledge management, and corporate culture.

#### **EDBA 930 - Adaptive and Applicable Research Design**

This course is an in-depth exploration of research methods and research design. This course will focus on developing the essential skills for conducting research. Specifically, candidates will examine methods of selecting a research topic, generating research hypotheses, selection of appropriate articles, quantitative and qualitative empirical research methods, research design and execution, data set manipulation and archival research, etc. Students will be allowed to design and conduct research in their area of interest and are expected to complete the elements of a research project(s).

#### **EDBA 935 - Applied Business Research Methods**

Most research begins with a question or inquiry. We focus on statistical inquiry using cross-sectional and time-series data. Students build competencies in 1) reviewing, evaluating and conducting quantitative business research for managerial decision making, and 2) effectively communicating research findings to practitioners. We cover the most proven multivariate analysis techniques and predictive models to assess research questions, emphasizing interpretation, testing and validation. These include data examination techniques, exploratory factor analysis, regression (simple, multiple and logistic) MANOVA, MANCOVA, confirmatory factor analysis, structural equation modeling, and moving-average, exponential smoothing, time-series decomposition and ARIMA models. Software tools include SPSS, AMOS and ForecastXtm.

#### **EDBA 940 - Strategic Marketing Research**

This course is designed to prepare candidates to produce and distribute high-caliber, science-oriented marketing research that makes meaningful contributions to marketing knowledge and science, and influences marketing thought and practice.

#### **EDBA 945 - Reliability and Validity in Non-Statistical Inquiry**

The EDBA Seminar in Qualitative Research is designed to train doctoral-level graduate students in qualitative research methodology, from conceptualization through design and data collection processes. The course will combine an in-depth study of qualitative research methods and their application to organizational issues, with student-directed pilot studies for a qualitative research project.

#### **EDBA 950 - Practical Corporate Financial Management and Valuation Research**

This course is an in-depth exploration of the foundations of theoretical and empirical financial economics that have formed the modern discipline of finance. This course will examine the most significant research studies that led to these developments. Students will examine these articles in terms of

research methods, empirical validity, and relevance to applications of decision making. Students are expected to establish a foundation of financial theory and identify and explore areas of research inquiry. The primary focuses of this course are threefold: corporate finance, investments and valuation.

### **EDBA 955 - Sustaining Business Policies and Practices Research**

In this course students will apply economic concepts to critically evaluate social, political and business decisions regarding resource use, regulation and environmental degradation. Students will gain insight into how to respond, as business decision makers, to regulations and to increased global competition for scarce resources. Students will critically evaluate the concept of sustainability from an economic and business strategy perspective.

### **EDBA 960 - Practical and Pragmatic Research Design**

EDBA candidates will develop and present a research design proposal associated with their chosen topic. Specifically, candidates will determine the most proper way to design their research to address the research questions and accomplish the research objectives. At the conclusion of this course, EDBA candidates will have completed a dissertation proposal and participated in a dissertation proposal defense. The proposal should include 1) research question(s), 2) hypotheses, 3) survey research design that includes all the methodological procedures. The research design proposal should demonstrate that the research questions can be answered by the clear and testable hypotheses and valid reliable variables

### **EDBA 965 - Dissertation I**

In the Dissertation Course, EDBA candidates will present their empirical and non-empirical findings to a research hypothesis. The goal of dissertation work is to verify that EDBA candidates have obtained the independent research skills explored during the EDBA course work. Specifically, candidates will implement appropriate methods of selecting a research topic, generating research hypotheses, selection of appropriate articles, quantitative and qualitative empirical research methods, research design and execution, data set manipulation and archival research. EDBA candidates are required to design and conduct research in their area of interest and are expected to complete the elements of a research project(s).

### **EDBA 970 - Dissertation II**

In the Dissertation Course, EDBA candidates will present their empirical and non-empirical findings to a research hypothesis. The goal of dissertation work is to verify that EDBA candidates have obtained the independent research skills explored during the EDBA

course work. Specifically, candidates will implement appropriate methods of selecting a research topic, generating research hypotheses, selection of appropriate articles, quantitative and qualitative empirical research methods, research design and execution, data set manipulation and archival research. EDBA candidates are required to complete the elements of a research project(s).

### **EDBA 999 - Independent Study**

This course is designed to provide students an opportunity to supplement their EDBA curriculum and give additional time to complete their dissertation or related research efforts. The EDBA student will be supervised by their Dissertation Chairperson to complete an organized research project.

## **EDL - Educational Leadership**

Educational Leadership classes, other than the internship, are offered in a synchronous distance learning format. Students may attend classes on campus or join remotely through the use of technology.

### **EDL 601 - Instructional Leadership (3)**

The primary focus of this course is instructional leadership as a collaborative practice of systemic improvement: the work of continuous inquiry, action and reflection enacted by distributed leadership teams, with the goal of improvement in the interdependent systems that support students' academic success. Students will create instructional plans, explore professional development methods, generate a focus on student and professional learning in the school, identify faculty instructional proficiency needs, including standards-based content, research-based pedagogy, data analysis for instructional planning and improvement, and the use of instructional technology. Students will implement professional learning that enables faculty to deliver differentiated instruction and learn to engage faculty in effective individual and collaborative professional learning.

Offered: fall and summer.

### **EDL 602 - Organizational Leadership, Safety and Decision-Making (3)**

This course will prepare students for the role they will hold as a school or district leader. Activities presented in the course will help students learn how to reflect on their practice of instructional leadership while also preparing them for obstacles they may face when dealing with organizational change. Students will learn the various leadership models to help them with rationale decision-making strategies while also realizing the proactive efforts to ensure a safe and secure learning environment.

Offered: spring and summer semesters.

### **EDL 603 - Human Resources: Recruitment, Development and Retention (3)**

Students will internalize the implications of the authority and total responsibility placed on school

administrators. Emphasis will be placed on the students' ability to recognize recruiting and selecting high performing teaching applicants and how to nurture and retain effective personnel through development and mentoring. In addition, students will demonstrate their ability to understand adult learning strategies to connect to professional growth plans. Further, students will display a thorough understanding of how to empower others to achieve personal, professional and organizational goals and how to set high expectations and standards to ensure that all students are engaged in active learning.

Offered: spring and summer semesters. This course is delivered in hybrid mode.

### **EDL 604 - Curriculum and Achievement (3)**

This course will provide an understanding of how curriculum is developed and implemented based on research and informed through current educational reform and policies. Students will explore strategies to align curriculum, instruction and monitoring student progress for diverse populations in inclusive, diverse, democratic and global environments. Students will also explore strategies to monitor student progress and promote continuous improvement to meet the cultural and developmental issues related to student achievement gaps. Students will analyze various conceptions of curriculum standards, reform movements in education, principles of curriculum planning, past and present curriculum trends and the interaction of curriculum with instruction generalized across educational settings. The correlation between curriculum and student achievement will be explored to understand the relationship between school leadership, pedagogy and student achievement.

Offered: spring and summer semesters. This course is delivered in hybrid mode.

### **EDL 605 - School Budgeting and Finance (3)**

The primary focus of this course is on the development of school and district budgets and budget forecasting, with consideration of the impact of local, state and federal funding laws on budget development processes. Students will 1) examine the cyclical nature of budget development and how school budgets are collaboratively constructed; 2) compare and contrast expenditures of like districts; 3) analyze a budget; 4) review various models for implementing a budget and project how the budget should be implemented and coordinated to align with the educational vision; and 5) forecast future fiscal needs based on variables such as enrollment trends, population projections, state reimbursements for student attendances and housing pattern changes.

Offered: fall semester.

### **EDL 606 - Educational Leadership Internship (1)**

The Educational Leadership Internship presents an opportunity for students to become immersed in the field of leadership practice and to appreciate the importance of instructional leadership in the creation

of a positive and safe learning environment. The internship combines opportunities to study effective leadership firsthand, develop and practice instructional leadership skills and be mentored for a career as a school principal. The entire internship experience requires approximately 480 hours (12-15 hours per week over a full year) of supervised fieldwork in a public school. The combined internships are worth 3 credit hours and are earned 1 credit hour per semester (fall, spring and summer semesters). The internship is accompanied by a hybrid/blended (50% face-to-face, 50% online) seminar which is designed to meet on campus and online asynchronously throughout the internship experience. Permission from the participating school administrator is required.

Offered: fall, spring and summer semesters. This course is delivered in hybrid mode.

### **EDL 607 - School Law/Community Relations (3)**

This course will examine case law as it relates to schools, including impact and practice. Educational leaders will study how the legal process deals with controversial issues related to schooling that play a central role in our culture. Students will critically assess the impact and interactions of federal and state constitutions, statutes and regulations on the operation of schools. They will learn about procedural due process considerations and the constitutional rights of personnel and students balanced against the duties of the school. This course will also comprehensively examine the internal and external elements of school and community relations by exploring the knowledge, dispositions, and skills needed by educational leaders in order to understand and respond to diverse community systems, interests and needs. School and community relations include effective collaboration with families and community members, utilizing community resources to benefit students and families, and establishing solid partnerships with key school and community stakeholders.

Offered: fall and spring semesters.

### **EDL 608 - Data-Driven Leadership (3)**

This course provides an introduction to theoretical and practical applications of data-driven decision making and planning for educational leaders. Beginning with the truncated review of purposes and applications of various statistical methods utilized in academic, legislative and district-level research, the course then acquaints candidates with various ways of framing data-based questions, interpreting data and designing action research studies.

Offered: spring semester.

### **EDL 610 - Communication and Technology for Leaders (3)**

This course offers a theoretical, conceptual and operational analysis of information systems used for decision making, communication and problem solving in learning organizations. An integral part of the course involves developing the technical and analytical skills

necessary to manage school-based technologies and information systems, with an emphasis on those systems that are designed to make it possible for organizations to transform curricula delivery as well as knowledge-based systems. Emphasis is also placed on understanding the human dimensions of communication within information systems in which the organization exists.

Offered: summer term. This course is delivered in hybrid mode.

### **EDL 612 - Problem-Solving and Visionary Leadership (3)**

This course will provide an understanding of how visionary leadership collaboratively involves the school community in creating and sustaining shared school values, vision, mission and goals. Students will explore strategies, case studies and experiential activities focused on problem solving and visionary leadership.

Offered: fall and spring semesters.

## **EDU - Education**

### **EDU 200 - Foundations of American Education (4)**

An introduction to the contemporary issues and trends in public education from historical, sociological and philosophical perspectives. Open to all students. Can be used to satisfy an education minor.

Offered: fall and spring semesters.

### **EDU 206 - Human Development and Learning (4)**

The course introduces the topic of human development, integrating basic concepts of physical, intellectual, cognitive, psychological, social and emotional development of children, youth and adults at each major life stage, adopting a developmental psychology perspective. Theoretical viewpoints and recent research are considered with respect to the practical application of psychosocial theory emphasizing the interaction of human development and learning. Open to all students.

Offered: fall and spring semesters.

### **EDU 207 - Philosophy of Education and Teacher Learner Relationships (4)**

Students will investigate primary source data for philosophical orientations to teaching that include progressivism, perennialism, essentialism, social reconstructivism and existentialism. Students will apply that data in the process of responding to contemporary teaching/learning scenarios and in developing their own teaching philosophy. Students will also explore teacher-learner relationships and their impact on the quality of learning encounters. Can be used to satisfy an education minor.

Distribution: (W). Offered: fall and spring semesters.

### **EDU 211 - Pre-Education Practicum (2)**

This course is designed to provide pre-education students with the opportunity to conduct careful and systematic field-based observations tied to coursework

and to engage in seminar discussions regarding those experiences. Seminars will focus on the Danielson Framework and what the descriptors mean in practice. During the Pre-Education Practicum, students will complete eight essential research-based tasks required of those doing observations and fieldwork in school and classroom settings. Candidates will: 1) observe, 2) notice, 3) notate, 4) predict, 5) generate, 6) analyze, 7) critique and 8) reflect. Employing the use of these eight tasks to guide classroom observation efforts promotes the critical analysis of classroom life and facilitates the development of a realistic perspective of the realities of teaching.

### **EDU 212 - Human Exceptionalities (4)**

This introductory-level course adopts a developmental psychology perspective with an emphasis on the new neuroscience of the exceptional brain. The course presents the types of disability in concert with the nature and needs of children and youth with disability. The course considers the intellectual, cognitive, psychological, developmental, physical, social, emotional and learning characteristics of children and youth with special needs, including gifted and talented children and youth. Children's literature is also used to explore the psychosocial aspects of disability. Can be used to satisfy the education minor.

Offered: fall and spring semesters.

### **EDU 300 - Teaching Language Arts in the Secondary Schools (ESOL-infused course) (4)**

This is a specialized methods course for secondary English education majors. Topics include teaching methods and processes, evaluation procedures and curriculum development specific to secondary schools. Involves students in teaching simulations. For secondary education majors only.

Offered: fall and spring semesters.

### **EDU 302 - Assessment and Continuous Improvement (ESOL-infused course) (4)**

This course is designed to provide teacher candidates with knowledge of classroom assessment techniques needed to allow for continuous improvement for students and self. The course includes knowledge related to the creation of traditional and alternative testing techniques, the review of student assessment data, the assessment of teaching impact for reflecting on personal teaching experiences and the communication of student progress to stakeholders.

Offered: fall and spring semesters.

### **EDU 305 - Classroom Management and Critical Thinking (ESOL-infused course) (4)**

This course investigates theories and strategies enabling teachers to manage student behavior and solve classroom problems. Provides intervention and management techniques for teachers and teacher candidates using principles of applied behavior analysis. Examines frameworks for creating a learning

environment that encourages positive social interaction and effective communication among members of the learning community. Areas of emphasis include structuring the classroom for success, planning for instruction, managing materials and equipment, and assessing and managing student and group behavior. The course emphasizes acquiring performance assessment techniques and strategies that measure higher-order thinking skills and identifies strategies, materials and technologies that expand students' thinking abilities.

Distribution: (W). Offered: fall and spring semesters.

**EDU 306 - Teaching Reading in the Secondary Content Areas (ESOL-infused course) (4)**

This course is designed for the teacher candidate to understand the principles of scientifically based reading research as the foundation of comprehensive instruction that synchronizes and scaffolds each of the major components of the reading process toward student mastery. Teacher candidates will gain substantive knowledge of language structure and function and cognition for each of the five major components of the reading process, including phonemic awareness, phonics, fluency, vocabulary, comprehension and integration of major reading components. Students develop and analyze instructional strategies that promote understanding across all academic disciplines. At the completion of this course, teacher candidates will have a greater understanding of the reading process and will be able to apply this knowledge to maximize instructional effectiveness for students from varying academic backgrounds and diverse cultures. This course requires students to brainstorm, research, present information and engage in draft writing, revise writing and peer editing.

Distribution: (W). Offered: spring semester.

**EDU 308 - Teaching Social Studies in the Secondary School (ESOL-infused course) (4)**

This is a specialized methods course for secondary social studies education majors. Topics include teaching methods and processes, evaluation procedures and curriculum development specific to secondary schools. Involves students in teaching simulations. For secondary education majors only.

Offered: fall and spring semesters.

**EDU 309 - Practicum (with Seminar) I (ESOL-infused course) (1)**

This course is designed to provide teacher candidates the opportunity to actively spend time in age appropriate classrooms with experienced teachers. During this experience, students will work with small groups of students, teach at least two lessons, critique a video of themselves teaching, receive feedback from the classroom teacher on their teaching, interview teachers about their use of technology, observe students when they participate in specials (PE, music, etc).

Offered: fall and spring semesters.

**EDU 310 - Teaching Science in the Secondary School (ESOL-infused course) (4)**

This is a specialized methods course for secondary biology education majors. Topics include teaching methods and processes, evaluation procedures and curriculum development specific to secondary schools. Involves students in teaching simulations.

Offered: fall and spring semesters.

**EDU 311 - Teaching Mathematics in the Secondary School (ESOL-infused course) (4)**

This is a specialized methods course for secondary mathematics education majors. Topics include teaching methods and processes, evaluation procedures and curriculum development specific to secondary schools. Involves students in teaching simulations. For secondary education majors only.

Offered: fall and spring semesters.

**EDU 312 - Communication and ESOL Applications (4)**

For elementary education majors. This course provides a framework for synthesizing the Florida Teacher Standards for ESOL Endorsement and the 11 ESOL competencies in order to prepare pre-professional teachers with effective linguistic and cultural classroom-based practices. The focus of this course is on ESOL methods for comprehensible instruction, ESOL materials and curriculum, and ESOL assessment procedures for English language learners (ELLs). The final exam serves as a comprehensive overview of the ESOL components infused in the education program. An ESOL field experience is required for all students (EDU 319).

Offered: fall and spring semesters.

**EDU 315 - Teaching Literature and Language Arts in the Elementary School (ESOL-infused course) (4)**

An examination of the language arts, the cognitive and literacy development of children, methods of instruction in the communication processes, the needs of the diverse learner, and the integration of language arts across the curriculum. A focus is the use of children's literature in teaching by examining genres, student responses and a balanced literacy program.

Distribution: (W). Offered: fall and spring semesters.

**EDU 316 - Teaching Reading in the Elementary School (ESOL-infused course) (4)**

A comprehensive survey of the basic methods of teaching reading in the elementary school. Examines the methods, materials and basic skills of teaching reading, with a focus on skill development in the intermediate classroom. Field hours required.

Distribution: (W). Offered: fall and spring semesters.

**EDU 317 - Diversity and Ethics (ESOL-infused course) (4)**

This course is designed to provide teacher candidates with the knowledge, skills and dispositions necessary to conduct investigations of ethics and learner diversity, including linguistic diversity with an

emphasis on developing anti-bias strategies, curriculum and learning environments, as well as corresponding interaction between teacher and learner. The course provides research-based coverage of diversity and ethics issues while emphasizing contemporary topics such as creating a climate of openness, inquiry and support by practicing classroom strategies of acceptance, tolerance, resolution and mediation. Candidates will become proficient in the areas of diversity and ethics as specified in the Florida Educator Accomplished Practices Competencies. Thus they will acquire knowledge of how to implement scientifically-based research instructional practices to ensure positive impact on student learning in the classroom.

Distribution: (W). Offered: fall and spring semesters.

#### **EDU 318 - Teaching Reading Through Diagnostic Assessment and Instruction (ESOL-infused course) (4)**

This course is designed to provide elementary education teacher candidates with the knowledge, skills and dispositions necessary for diagnosis and correction of mild to moderate reading difficulties with an emphasis on reading instruction guided by assessment. The physical, physiological, cognitive, language, emotional and socio-cultural correlates of reading disabilities are examined to help candidates understand the nature and causes of reading problems in grades K-6. Candidates will gain facility in the selection and use of formal and informal instruments for the early detection and correction of reading difficulties. The diagnostic-prescriptive model will be applied to help candidates acquire expertise in the analysis of children's reading diagnostic data and the implementation of developmentally appropriate instructional methods that address the needs of diverse student populations. Candidates will become proficient in planning and implementing reading instruction as specified in the Florida Reading Endorsement Competencies. Thus they will acquire knowledge of how to implement scientifically based reading research instructional practices in phonemic awareness, phonics, fluency, vocabulary and comprehension to ensure positive impact on student learning in the elementary classroom. Field hours required (Practicum II).

Offered: fall and spring semesters.

#### **EDU 319 - ESOL Practicum (with Seminar) II (1)**

This course is designed to provide teacher candidates with the opportunity to participate in more than 45 hours of ESOL field experience. Candidates will plan and implement ESOL-relevant instruction in one-to-one, small-group and large-group settings. This course introduces the Florida Teacher Standards for ESOL Endorsement in the following five content areas: methods of teaching ESOL, ESOL curriculum and materials development, cross-cultural communication and understanding, applied linguistics, and testing and evaluation of ESOL.

Offered: fall and spring semesters.

#### **EDU 320 - ESOL Observational Practicum (1)**

This course is designed to provide Professional Education Minors with the opportunity to conduct field-based observations in a secondary school and engage in seminar discussions regarding those experiences with a specific focus on English Language Learners (ELLs). During EDU 320 ESOL Observational Practicum, candidates will complete eight essential research-based tasks through observations and fieldwork in classroom settings. Candidates will 1) observe, 2) notice, 3) notate, 4) predict, 5) generate, 6) analyze, 7) critique, and 8) reflect. The eight (8) tasks will guide classroom observations and critical analysis of classroom life and facilitate the development of a realistic perspective of teaching.

Corequisite: EDU 358. Offered: fall and spring semesters.

#### **EDU 325 - Secondary Classroom Assessment (4)**

This course is designed to provide teacher candidates with knowledge of classroom assessment techniques needed to allow for continuous improvement for students and self. The course specifically includes knowledge related to the creation of traditional and alternative testing techniques, the review of student assessment data, the assessment of teaching impact for reflecting on personal teaching experiences and the communication of student progress to stakeholders. For secondary education majors only.

Offered: fall and spring semesters.

#### **EDU 329 - Teaching Physical Education and Health in the Elementary School (3)**

Involves study and practice in elementary physical education methods. Examines and evaluates subject matter, methods and source materials for health programs. Field hours required.

Prerequisite: Admission to teacher education program; intended major in physical education. Offered: fall and spring semesters.

#### **EDU 334 - Teaching Social Studies in the Elementary School (ESOL-infused course) (3)**

This course provides elementary education teacher candidates with the knowledge, skills, and dispositions necessary for teaching social studies in the elementary school curriculum. Candidates will become proficient in planning, implementing, and evaluating social studies instruction as specified in the Competencies and Skills Required for Teacher Certification in Florida: Elementary Education for Social Studies. Candidates will acquire knowledge of how to develop and implement scientifically-based instructional practices in the following curricular areas: history, geography, government and civics, economics, and assessment in social studies. Field hours required.

#### **EDU 335 - Secondary Classroom Management (4)**

This course investigates theories and strategies enabling secondary teachers to manage student

behavior and solve classroom problems. Provides intervention and management techniques for teachers and teacher candidates using principles of applied behavior analysis at the secondary level. Examines frameworks for creating a learning environment that encourages positive social interaction and effective communication among members of the learning community in the 6-12 classroom. Areas of emphasis include structuring the classroom for success, planning for instruction, managing materials and equipment, and assessing and managing secondary student and group behavior. The course emphasizes acquiring performance assessment techniques and strategies that measure higher order thinking skills in the 6-12 classroom and students' thinking abilities. This course requires students to brainstorm, free-write, research, draft writing, revise writing, present information, and peer-edit. For secondary education majors only.

Distribution: (W). Offered: fall and spring semesters.

### **EDU 336 - Instructional Laboratory I (1)**

Instructional Laboratory I will offer students the chance to provide learning experiences in specialized contemporary and education-related topics such as social-emotional learning, growth mindset, differentiation, data-led instruction, backward design, inclusive instruction, instructional leadership, exploratory practice, innovation, and content professional development. Instructional Laboratory I provides students with the opportunity to explore contemporary subject matter in education more thoroughly than is possible in a formal class.

### **EDU 345 - Methods of Secondary Instruction (4)**

The Methods of Secondary Instruction course discusses how to teach effectively in today's secondary schools. This course develops an understanding of various learning modes, learning styles, multiple intelligence, questioning techniques, and other instructional strategies to engage students and be effective in today's secondary school classroom. This course demonstrates how to use effective lesson plan design as well as various assessment techniques. The course is designed to provide teacher education candidates with an opportunity to study, reflect, question, become knowledgeable about, and develop skills in instructional methods while applying and practicing these methods in a collaborative and constructive setting. Major topics include characteristics of effective and intentional teaching; student diversity, social justice and how understanding students influences learning; planning for instruction; creating effective lessons using a variety of approaches & technologies; classroom management; assessment of student learning; and professional development. For secondary education majors only.

Offered: fall and spring semesters.

### **EDU 354 - Teaching English to Speakers of Other Languages I-Secondary (TESOL I) (3)**

Required for all secondary majors, this ESOL methods course introduces the Florida Teacher Standards for ESOL Endorsement in the following five content areas: methods of teaching ESOL, ESOL curriculum and materials development, cross-cultural communication and understanding, applied linguistics, and testing and evaluation of ESOL. The final exam serves as a comprehensive overview of the ESOL components infused in the education program. An ESOL field experience is required for all students (EDU 319).

Offered: fall and spring semesters.

### **EDU 358 - Understanding TESOL (3)**

This survey course introduces the 5 Florida ESOL Domains and the 12 ESOL Performance Standards in the following five content areas: methods of teaching ESOL, ESOL curriculum and materials development, cross-cultural communication and understanding, applied linguistics, testing and evaluation of ESOL. This course will enable the participant to understand and respond to the diverse linguistic, cultural, and educational needs of English Language Learners (ELL) in secondary 6-12 content area classes.

Corequisite: EDU 320. Offered: fall and spring semesters.

### **EDU 377 - Elementary Physical Education Curriculum and Practicum (3)**

This course provides an in-depth coverage of the various curricular models and developmentally appropriate teaching methods common at the elementary level in physical education. Students will be placed at a school to observe and teach physical education under the supervision of a licensed physical education teacher. Field study required.

Offered: fall and spring semesters.

### **EDU 380 - Professional Development Clinical (0-3)**

This course is a clinical tutorial-based course that will provide students with additional, individualized and alternative curricula knowledge, skills and experiences to further develop the performance of teacher education candidates within the department of education.

Offered: fall semester.

### **EDU 402 - Teaching Art, Music and PE in the Elementary School (ESOL-infused course) (4)**

A specialized elementary music, art and physical education methods course. Features demonstrations with class participation. Implements a variety of strategies that facilitate active learning with music, art, movement and drama.

Prerequisite: Admission to teacher education program. Offered: fall and spring semesters.

### **EDU 403 - Technology in Education II (ESOL-infused course) (2)**

The focus of this course is the design, development and evaluation of learning experiences using the Internet. Instructional design and development applied to multimedia instruction. Instructional strategies for



higher-order learning, including problem solving. Alternative design and development methodologies. Essential multimedia production tools and techniques. Students form design and development teams to create an engaging online-based learning experience. Students create and evaluate learning activities using the Web; creation of personal learning portal.

Prerequisite: Admission to teacher education program. Offered: fall and spring semesters.

#### **EDU 408 - Teaching Mathematics in the Elementary School (ESOL-infused course) (4)**

This course is designed to provide elementary education teacher candidates with the knowledge, skills and dispositions necessary for the teaching of mathematics content in the elementary school curriculum. Candidates will become proficient in planning, implementing and evaluating mathematics instruction as specified in the Florida Elementary Education Subject Area Competencies. Thus they will acquire knowledge of how to implement scientifically based instructional practices in the following curricular areas: knowledge of numbers and operations, knowledge of geometry and measurement, knowledge of algebra, knowledge of data analysis, and knowledge of instruction and assessment in mathematics.

Prerequisite: Admission to teacher education program. Offered: fall and spring semesters.

#### **EDU 409 - Practicum (with Seminar) III (2-4)**

Pre-internship for elementary education and secondary education majors. An intensive study involving the application of theoretical, philosophical and pedagogical principals for grades K-12. Required is a 120-hour minimum field experience for which extensive, fully planned lessons are developed and implemented in the classroom. Lectures and seminars about curriculum and instruction issues are presented at the University. Field experience placements are assigned by the Department of Education.

Prerequisite: Admission to teacher education program. Offered: fall and spring semesters.

#### **EDU 410 - Final Internship Seminar IV (2)**

A course taken concurrently with Teaching Practicum IV: Final Internship Topics include reflective inquiry, classroom management, the diverse classroom, lesson and unit planning, ethics and continued professional growth. Students will develop a professional portfolio as part of their evaluation.

Prerequisite: Completion of prior required course work. Corequisite: EDU 413. Offered: fall and spring semesters.

#### **EDU 413 - Final Internship Practicum IV (10)**

A full semester of 14 weeks provides practical application and practice in a classroom under the direction of a certified teacher. Seminars and lectures on campus are required throughout the semester. The internship is graded on a satisfactory/unsatisfactory basis. Students enrolling are advised that the internship

is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses concurrently without permission of the Clinical Education Committee.

Prerequisite: Completion of all prior required course work. Corequisite: EDU 410. Offered: fall and spring semesters.

#### **EDU 416 - Final Internship International Practicum (0-2)**

Taken concurrently with EDU 413 Practicum IV: Final Internship and EDU 410. Topics include reflective inquiry, classroom management, the diverse classroom, lesson and unit planning, ethics, and continued professional growth. Upon successful completion of a ten week internship (EDU 413), the remaining weeks of the internship will be completed in Northern Ireland. Seminars and lectures on campus are required throughout the first seven semester weeks. The internship is graded on a satisfactory/unsatisfactory basis.

Prerequisite: Completion of all prior course work. Corequisite: EDU 410.

#### **EDU 418 - Reading Practicum (1)**

This is a practicum course taken in conjunction with EDU 413 Final Internship Practicum IV for elementary education majors. Programs seeking the Reading Endorsement through the Florida Department of Education are required to include a reading practicum as part of the final capstone teaching experience. Through this culminating practicum, teacher candidates will demonstrate knowledge of the components of reading, as well as assessment and data analysis, to implement a comprehensive research-based reading plan of instruction from all students. Teacher candidates will engage in the systematic problem solving process.

Prerequisite: Completion of all prior required course work. Offered: fall and spring semesters.

#### **EDU 425 - Teaching Middle School and Secondary Physical Education (4)**

A study and practice in methods pertinent to middle school and secondary physical education. Field hours required.

Prerequisite: Admission to teacher education program. Offered: fall and spring semesters.

#### **EDU 434 - Teaching Science in the Elementary School (ESOL-infused course) (3)**

This course provides elementary education teacher candidates with the knowledge, skills, and dispositions necessary for teaching science in the elementary school curriculum. Candidates will become proficient in planning, implementing, and evaluating science instruction as specified in the Competencies and Skills Required for Teacher Certification in Florida: Elementary Education for Science. Candidates will acquire knowledge of how to develop and implement scientifically-based instructional practices in the

following curricular areas: knowledge of matter, knowledge of forces, motion, and energy, knowledge of Earth and space science, knowledge of life science, and knowledge of the nature of science and knowledge of the relationship of science and technology. Field hours required.

#### **EDU 436 - Instructional Laboratory II (1)**

Instructional Laboratory II will place teachers in position to understand the critical role they play in creating a climate of continuous, systemic improvement in schools through the establishment of professional learning communities and the concurrent development of teacher leadership AND their own professional learning. Participants will participate in mock professional learning communities while engaging in curriculum content learning, teacher leadership, school effectiveness, and site-based accountability. Knowledge gained in the university classroom will be applied in site-based activities, including problem-based learning activities, case studies, and/or exploratory enquiry. Students will develop a product representing their growth in understanding of teaching, learning and development.

#### **EDU 450 - Independent Study in Education (1-4)**

The course consists of directed readings and research projects on a topic of interest to the student. Content covered must be different from that included in current courses in the major. Independent studies may be taken with any full-time professor in education programs and require consent of the department chair. Subject matter must be determined through student-faculty consultation.

#### **EDU 481 - Comprehensive Subject Area Competency and Skills (SACS) (0)**

This course is a capstone exam that provides a framework for students to synthesize the subject area competencies and skills (SACS). A final comprehensive exam serves as an overview of subject area components infused in the education program.

Offered: fall and spring semesters.

#### **EDU 489 - Special Topics in Education (1-4)**

Provides in-service and teachers in training with fully accredited education coursework that satisfies Florida Department of Education certification and continuing education certification requirements.

#### **EDU 601 - Curriculum Theory (4)**

This course introduces students to the study of curriculum theory. Students explore the nature of curriculum theory, differentiate curriculum theory from curriculum planning, place the study of curriculum theory within the larger history of the American school curriculum, and explore a variety of models of curriculum theory including alternative models.

Offered: summer.

#### **EDU 605 - Professional Ethics, School Law, Safety and Classroom Management (3)**

For graduate students only. This course provides a reflective look at current research and a variety of teaching strategies for the diverse classroom with a particular emphasis on adolescent behaviors in the classroom context and effective options for classroom management. The Code of Ethics and the Principles of Professional Conduct of the Education Profession in Florida will be discussed. This practical view of life in the middle and secondary classroom will feature procedures for school safety and salient information on school law.

#### **EDU 608 - Cross-Cultural Diversity (4)**

This course is designed for students and teachers who want to explore frameworks, materials and strategies that will help them translate the rationale for diversity education into effective educational practice with learners of any age, level or background. Accordingly, the course focuses on approaches to curriculum consonant with a diverse perspective.

Offered: spring semester.

#### **EDU 610 - Instructional Methods (3)**

For graduate students only. This course presents mathematics instruction or science instruction as one multifaceted and dynamic experiential learning module that responds to real-world problems and issues. Emphasis is on strategies for exploring mathematics or science in local, state, national and international community environments. Teacher candidates whose emphasis is mathematics 6-12 or middle grades mathematics 5-9 are enrolled in the section co-taught by mathematics and education faculty. Teacher candidates whose emphasis is biology 6-12, chemistry 6-12, physics 6-12 or middle grades science 5-9 are enrolled in the section co-taught by science faculty and education faculty.

#### **EDU 611 - Human Development and Social Dimensions of Learning (4)**

For graduate students only. This course addresses all social dimensions of learning, including decisions regarding social aspects of classrooms, schools and other types of learning environments that teachers face, and the powerful impact these decisions have on educational climate. Students will develop an understanding of the influence of social factors on teaching and learning, and that social dimensions impact equal access, school progress and performance, and completion of academic programs.

Offered: fall and summer.

#### **EDU 612 - Pedagogy and Innovation in Education: Models in Teaching (4)**

Technology and innovation are key resources for education and school reform initiatives. They not only provide an avenue to access 21st-century learning and teaching practices, but also define and shape the way schools operate. Managed properly, technological

innovations are a primary source of competitive advantage for school systems; they also enhance the educational well-being of a nation and anchor its global know-how. The challenge of how best to manage technology and innovation has expanded beyond its traditional home in departments like instructional technology or media centers, to the point where it now permeates nearly every aspect of teaching and learning in modern schools. Schools are increasingly turning to technological innovations to enable new forums of engaging with knowledge; to change the way we think of teacher-learner roles; to improve quality and school/home/community communication patterns; and to create and retain student motivation. In addition, teachers now face an accelerating pace of innovation in the technologies supporting and changing the processes involved in school management, assessment and instruction. This course will explore the strategic role of technology and innovation in the survival and success of schools and schooling. The course will have a strong emphasis on state-of-the-art technologies in the selection of case examples.

Offered: summer.

#### **EDU 613 - Research in Education (4)**

This course is an introduction to epistemology and historical, experimental, descriptive and survey research as it relates to seeking solutions to problems within the field of education. Classic educational research, research techniques, the analysis of research results and the uses of research are explored. This course guides classroom teachers through the process of reviewing, evaluating, conducting and disseminating educational research, and is designed to help teachers evaluate research findings and their applications to classroom practice.

Offered: fall semester.

#### **EDU 616 - Social Change and School Reform (4)**

This course provides a reflective (and reflexive) overview of the educational policy-making process at local, state and national levels, and of the ethical principles that can influence such policy making.

Offered: summer.

#### **EDU 617 - Technology for Education and Leadership (4)**

Effectively using technology across all functions of a school system is, in itself, significant systemic reform. There is a wealth of evidence showing that facilitating change in schools, and especially maintaining that change, depends heavily on capable leadership. It is imperative, therefore, that we in higher education focus on leadership for technology in schools if we are to optimize its benefits in learning, teaching and school operations.

Offered: fall semester.

#### **EDU 619 - Children's Literature in the Reading Program (4)**

This graduate level course is designed to provide candidates with the knowledge, skills, and dispositions necessary for effectively integrating children's literature into a balanced reading program. Course content provides a survey of literature for children from preschool through grade 6 with an emphasis on applying the principles of valuation to selected books from a wide variety of genres. Candidates will explore the positive correlation between children's literature and reading achievement and will learn how to apply their knowledge of literature to help children grow in their language and reading abilities.

Offered: summer.

#### **EDU 621 - Exceptional Student Learning: Inclusive Classrooms (1 or 3)**

This course traces the historical development of special education and inclusive classrooms through landmark legislation and litigation, parent advocacy and national economic and social needs. The provisions of federal and state special education mandates, judicial interpretations and Florida state guidelines regulating the delivery of educational services to persons with handicaps also will be addressed.

#### **EDU 622 - Applied Philosophy for Curricular Design and Implementation (4)**

This course is an introduction to the philosophical field of epistemology and how it applies to education and learning. While the course is strongly grounded in philosophy, an emphasis will be placed on the application and relationship of epistemology to students, teachers and learning.

Offered: spring semester.

#### **EDU 624 - Public School Law and Professional Ethics (4)**

This course examines the numerous school law and legal issues that affect the public school system. Educators will become knowledgeable about the various social and political issues that are manifested in school systems. It will provide educators with a general understanding of how various legal issues have been decided. Specific legal principles relating to church/state issues, tort liability, teachers' responsibilities, students' rights, and administrative concerns such as contracts and collective bargaining will be covered. Students will be required to apply these legal principles to analyze actual case scenarios. Topics included: (1) Students: Rights and responsibilities; discipline; First Amendment issues; special education issues; general education issues. (2) School personnel/employees: Discipline; hiring, termination, discharge; certified, non-certified and administrators; union issues. (3) Board of education/administration: School finances; board elections; role of the board; role of the administration; procurement issues; bond issues; construction issues. (4) State Department of Education: Role of FLDOE. The course will review federal and state law decisions

which effect the daily operations of the Florida public schools.

Offered: summer.

### **EDU 626 - Social Emotional Learning and Teaching (2-4)**

This course is designed to examine social emotional learning and teaching and to explore how pro-social centered education impacts various aspects of school climate and culture. In this course students will examine the who, what, where, why and how of the significance of emotions and social skills and why teaching and learning these skills matters profoundly. The course will examine the following questions about pro-social education initiatives: Can students be taught pro-social behaviors, such as, being kinder to one another? How would teachers implement teaching pro-social skills in the classroom? Would such instruction "stick"? Influence behavior? Rub off on teachers? What might a pro-social education program look like? Can such instruction be formalized without becoming dogmatic or political? How does social context play into social and emotional learning? Does explicit instruction in pro-social behavior positively affect the behavior of children? How might such outcomes be measured? Is there a positive correlation between pro-social behavior and overall achievement in schools where traits like kindness and empathy are explicitly taught? Can such a program be replicated?

Offered: summer.

### **EDU 635 - Assessment in the Secondary School Curriculum (3)**

For graduate students only. This course is a study of secondary school curriculum and instruction as a specialized part of the total schooling system. The study of this curriculum is intended to examine historical, societal and organizational issues with special emphasis on the interdisciplinary nature of curricular content and on the nature of the students being served in middle and secondary schools.

### **EDU 640 - Teaching English as a Second Language: TESOL (3)**

This course provides an overview of the five areas pertinent to teaching English language learners (ELLs) in order to a) promote an understanding of first and second language acquisition processes; b) facilitate the development of culturally and linguistically appropriate instructional and assessment skills; and c) present effective means for modifying curricula. The five areas are 1) applied linguistics and second language acquisition; 2) cross-cultural communication and understanding; 3) methods in teaching English to speakers of other languages (ESOL); 4) curriculum and materials development; and 5) testing and evaluation of ESOL. This course meets the 60-hour ESOL education requirement for Category II teachers and administrators as determined by the Florida Department of Education.

### **EDU 670 - Special Topics in Education (3)**

Offered: Offered as needed.

### **EDU 680 - Professional Development Clinical (0-3)**

This is a clinical tutorial-based course that will provide students with additional, individualized and alternative curricula knowledge, skills and experiences to further develop the performance of teacher education candidates within the department of education.

### **EDU 682 - Grant Writing in Education (4)**

Developing effective grant writing skills is essential to acquiring competitive funding from government agencies and private foundations. Writing a successful grant proposal is a blend of art and science. It requires content knowledge, writing proficiency, strong research skills, creativity, organizational ability, patience and a great deal of luck. This course will provide students with the background necessary to develop a competitive funding proposal endeavor.

Offered: summer.

### **EDU 695 - Independent Study in Education (1-4)**

The course consists of directed readings and research projects on a topic of interest to the student. Content covered must be different from that included in current courses in the major. Independent studies may be taken with any full-time professor in education programs and require consent of the department chair. Subject matter must be determined through student-faculty consultation.

## **EMBA - Executive Master of Business Administration**

### **EMBA 801 - Personal Branding I: Developing Communication and Interpersonal Skills (2)**

This course is designed to sharpen communication and interpersonal skills through class activities, writing, presentations and simulations. It focuses on perfecting speaking, writing, visual and interpersonal communication skills necessary for students' careers as business leaders.

### **EMBA 802 - Developing Cross-cultural Competencies and Career Management Strategies (2)**

This course examines the challenges associated with managing business enterprises whose operations stretch across national boundaries. Through extensive readings and case analyses, students obtain a fundamental understanding of the strategic, operational and behavioral aspects of managing across cultures. Students will further develop their leadership skills and interpersonal skills and will work with community leaders to advance their personal brand and marketability. Through a variety of career development experiences students will learn critical components involved in strategic career management

and progression including self-assessment, creating and managing one's professional brand, personal marketability, business communication, networking and leveraging available job-search and internship resources. (prerequisites: all courses in the EMBA program, except EMBA 850 and EMBA 855)

#### **EMBA 803 - Accounting for Managers (1)**

This is a basic financial accounting course for managers who do not have an accounting background. The course is aimed at teaching the fundamentals of creating, reading, and interpreting financial accounting statements as prepared under US GAAP.

#### **EMBA 804 - Analytics for Managers (1)**

This course is a review of basic data analytics concepts essential for decision modeling and analysis in business environments. It is designed to prepare students for taking EMBA 825, Modeling and Analysis for Executive Decision Making. Topics include descriptive statistics, probability, discrete and continuous random variables, sampling distributions, confidence intervals, and hypothesis testing. The course is divided into four modules, each of which is succeeded by an on-line post-test. Students will be able to keep taking these tests for one week after the conclusion of the course. We use lectures, videos, exercises and appropriate software to illustrate all concepts.

#### **EMBA 805 - Managing Innovation Strategically (4)**

This course focuses on the role of innovation in the 21st-century organization. It addresses the need for a systematic approach to building innovation capabilities and the challenges of integrating the many facets of innovation management. Leading innovators and building innovative organizations are covered from a theoretical and applied approach. Topics addressed include fundamental theories of innovation, developing innovation strategy, innovation as a business process, the role of the innovation context including leadership and organization, culture and values, people and skills, and processes and tools, and assessing and improving innovation performance. Both classroom and alternative instructional methods may be employed.

Offered: spring semester.

#### **EMBA 806 - Finance for Managers (1)**

This course is designed to introduce graduate students to the organization and practices of corporate finance, and a basic understanding of the quantitative tools used by financial managers with relevant applications.

#### **EMBA 807 - Economics for Managers (1)**

This course is a foundational economics course for managers who either do not have a formal economics background, or have not studied economics for several years. The course is designed to rapidly acquaint, or re-acquaint, the student with foundational economic

concepts and tools, and provide an introduction to the "economic way of thinking".

#### **EMBA 810 - Dynamic Leadership (4)**

This course focuses on advanced leadership skill development with the goal of accelerating the impact of leader's behaviors on the human dynamics in organizations. Through a variety of practice modalities, students will enhance their knowledge of their personal leadership strengths and challenges. Students will also learn about organizational behavior topics such as motivation, ethical and effective influence strategies for a diverse workforce, and leadership of teams. Finally, students will learn how important OB topics are applied in organizations through effective human resources management.

#### **EMBA 820 - Accounting for Strategic Management (4)**

This course provides a pragmatic study of selected financial and management accounting concepts, methods and practices relating to financial analysis, cost assignment, cost management, performance management and decision analysis. The central focus of this course is how accounting information helps managers identify strategies and make decisions to produce a sustainable competitive advantage.

Offered: fall semester.

#### **EMBA 825 - Modeling and Analysis for Executive Decision Making (4)**

This course provides an overview of statistical and mathematical models for effective decision making. Tools used daily by managers, business analysts and consultants are utilized to solve problems in operations, finance, accounting, marketing, human resources, policy making, economics, etc. Topics include regression analysis, statistical process control, linear optimization, time-series forecasting and decision making under uncertainty and risk. The course is taught using lectures, cases and appropriate software packages.

Offered: spring semester.

#### **EMBA 830 - Strategic Information Systems Management (4)**

Modern organizations face rapidly changing environments and require information systems that can quickly adapt to support business operations. Given rapidly evolving information technologies, many organizations struggle with obtaining strategic benefits from information systems. This course explores contemporary issues related to the strategic use of information systems and technology to manage and enhance organizational operations. Topics such as the value of IT investments, IT-business alignment, enterprise systems/ERP, operational analytics, and cybersecurity are covered in a discussion-oriented and case-based approach to prepare business leaders to extract strategic value from investments in information systems.

Offered: summer.

#### **EMBA 835 - Marketing Strategy and Value Creation (4)**

Introduces students to strategic decision-making tools for planning, promoting, pricing and distributing products and services to targeted markets, with a goal of delivering high levels of customer value. Strategic marketing management techniques that lead toward the formation of exceptional firms are applied with the use of analytical practices. The course will use current events readings, cases, simulations, discussions and formal strategic plans.

Offered: fall semester.

#### **EMBA 840 - Economics for Business Leaders (4)**

The goal of the course is to provide business leaders with an economic framework for making decisions. The course begins by exploring the efficiency of the market-based system and an examination of how repugnance, price controls and taxation affect that system. We examine why business institutions exist and how their boundaries are determined; explore how design architecture influences individual decision making; and study how incentives and monitoring alter employee behavior. Models for optimally pricing in commodity markets, entrepreneurial markets and markets with dominant rivals are developed. Lastly, tools for mitigating systemic risk within financial institutions are investigated.

Offered: fall semester.

#### **EMBA 845 - Financial Management and Strategy (4)**

This course focuses on the core concepts of financial decision making: maximizing wealth, cash flow, net present value and the existence of risk and return tradeoffs in most corporate decisions. The course also explores the implications of various financial strategies within the dynamic global financial environment. Accounting concepts learned in EMBA 820 are applied using models that are realistic and robust. Students compute prices and returns on corporate securities and the weighted average cost of capital for a firm and evaluate long term capital investment projects using capital budgeting techniques. Students also learn about capital structure theory and financing strategies firms choose to optimize their mix of debt and equity.

Offered: summer.

#### **EMBA 850 - Global Strategic Management I (4)**

This course asks the student to adopt a strategic perspective for the entire organization, with all its highly interdependent elements and dimensions, as it operates within a dynamic, global environment. The course lays the foundation for the international travel course and requires the application of conceptual models, tools and skills unique to the practice of strategic leadership and competitive global business strategies. Through readings and case studies, students will apply the concepts, tools and skills they have gained from previous coursework to real-world

organizational problems, and begin preparations for the International Experience course project.

Offered: spring semester.

#### **EMBA 855 - Global Strategic Management II (4)**

This course is integrated with EMBA 850. Students are required to apply research skills in gathering data from a broad range of sources in order to develop quality external and internal environmental analyses. The analyses are tailored to a client and targeted country. The course includes 9- or 10-day travel study component, in addition to scheduled class meetings.

Offered: spring semester.

### **EME - Instructional Design**

#### **EME 601 - Introduction to Instructional Design (4)**

This course introduces participants to the systems approach to instructional design. The major components of instructional development models will be presented. This course provides introductory information and application of skills and techniques necessary in the analysis, design, development, implementation and evaluation of instruction (often referred to as the ADDIE framework). This course will consider these issues at both the curriculum (macro) and lesson (micro) level.

Offered: fall and spring semester. This course is delivered in hybrid mode.

#### **EME 602 - Theories of Learning and Cognition for Instruction (4)**

The course is designed to provide you with the distinctions and concepts necessary to apply various theories of learning, cognition and instruction to traditional and distance learning settings. These theories are tools that educators, administrators, instructors, counselors, parents and many others can use to make their endeavors more productive and useful. This course will introduce and illustrate the proper use of these tools in providing insights into defining and solving problems. The emphasis will always be on the use of these theories to solve realistic and relevant problems drawn from your own personal experience or from cases we will study.

Offered: fall semester. This course is delivered in hybrid mode.

#### **EME 603 - Inquiry and Measurement (4)**

This is a foundational course that addresses inquiry and measurement concepts at a level appropriate for master's degree students. Through this course students will learn concepts and acquire skills that will help them make data-based decisions related to learning and human performance.

Offered: fall semester. This course is delivered in hybrid mode.

#### **EME 605 - Introduction to Distance Learning (4)**

This course examines the uses of distance learning in education and training environments as distance

systems are increasingly used for teaching and learning. Distance education will be investigated as an instructional method in terms of delivery, development and implementation. Students will design a distributed learning system that uses emerging technologies that support distance delivery.

Offered: This course may be delivered in hybrid and online mode.

#### **EME 606 - Design of Online Collaborative Learning (4)**

In this course students will learn, explore, and apply some of the latest web technologies, research findings, principles, and instructional design techniques to design and develop collaborative learning activities and assignments in on-line environments.

Offered: This course is delivered in hybrid mode.

#### **EME 607 - Introduction to Instructional Games and Simulations (4)**

This course addresses instructional games and simulation concepts at a level appropriate for master's students. This course offers theoretical concepts and an introduction to the design, production, utilization, and evaluation of educational games and simulations. Students will design an educational game and/or an educational simulation related to learning and human performance.

Offered: This course is delivered in hybrid mode.

#### **EME 610 - Trends and Issues in Instructional Design and Technology (4)**

This course is designed for students who intend to become professionals in the field of instructional design and technology. Professionals in any field should be able to do more than just perform the skills associated with it; they should also know something about the field's history, its current status and the trends and issues likely to impact it. The purpose of this course is to help you become conversant in these areas. This course may be offered face-to-face or in hybrid mode.

Offered: spring semester. This course is delivered in hybrid mode.

#### **EME 611 - Principles of Learner Motivation (4)**

This course focuses on theories and concepts of human motivation. Students explore what motivates students to learn, and examine strategies, techniques and interventions that promote and sustain learner motivation. This course may be offered face-to-face or in hybrid mode.

#### **EME 612 - Media for Instruction (4)**

This course covers different forms of media used for instruction, about how they can be produced and disseminated, and about the technologies that help and hinder the process of understanding. This course will explore how media, text, and technology intersect and will benefit students who anticipate authoring or sharing instructional media and texts as well as those who anticipate using or managing materials authored by others in an instructional context. We will focus on

issues related to the open learning movement, through which technology is used to make instructional media and texts available to a wide audience. This course is delivered in hybrid mode.

#### **EME 613 - Open Learning Environments in the 21st Century (3)**

The field of educational technology has been heavily impacted by this new reality; the promise of open source and the reverberations of open content have forced colleges and universities to reconsider the ways in which they invest in technology for education. Whereas openness is a new business model, bringing with it new fears and new opportunities, it is also a chance for faculty to take their work to a new audience. Open education allow for innovation in how educators prepare to teach, how learners negotiate knowledge from the information they are encountering, and how courses can have an impact on the broader field of study. To break open the practice of open education and what it means moving into the 21st century, concepts of Openness as Transparent Practice, Open Curricula, Open Learners and Open Accreditation shall be deconstructed.

#### **EME 620 - Introduction to Systematic Instructional Design (4)**

The purpose of this course is to enable students to employ systematic instructional design procedures. As a result, students who successfully complete this course should be able to design a unit of instruction by using systematic instructional design procedures. The focus of this course is the application of instructional design principles to create instructional content that can be delivered to a target group of learners.

Offered: spring semester. This course is delivered in hybrid mode.

#### **EME 630 - Development of Multimedia Instruction (4)**

Development of Multimedia Instruction is a course for students who are already familiar with basic instructional systems design principles and who are prepared to practice them in a Web-based environment. The course focuses on the design, development, implementation/distribution and assessment of multimedia-based learning experiences.

Offered: This course is delivered in hybrid mode.

#### **EME 640 - Introduction to Program Evaluation (4)**

This course introduces the conceptual issues and practical guidelines for conducting a program evaluation. This course will define and discuss the concepts and explore the theoretical basis of the diverse models and alternative approaches to program evaluation.

Offered: This course is delivered in hybrid mode.

#### **EME 641 - Management of Instructional Development (4)**

This course is designed to help students understand and comprehend project management principles, while

engaging in the practice of project management. In this course students will be provided the appropriate scaffolding and instruction in order to gain the basic skills necessary to successfully lead a project team.

#### **EME 642 - Management of Change (4)**

This course is designed for students to be able to introduce an instructional or non-instructional change initiative in an organizational environment and plan implementing that change and monitoring its progress based on their understanding of the systemic functions of the organization. These activities will take place in the context of human performance technology and with the purpose of improving organizational performance based on a systemic analysis of the organization. This course may be delivered in hybrid or online mode.

#### **EME 644 - Performance Systems Analysis (4)**

This course is designed to provide the foundational information and activities to develop the skills necessary to be successful in completing performance systems analysis in a variety of settings. While the class will focus on a narrow domain, the skills learned in the course can be applied in a variety of domains.

#### **EME 650 - Field Internship in Instructional Design and Technology (0)**

This field internship is designed to provide on-the-job experience in developing instructional design and technology competencies. Students will apply the skills and knowledge learned during their instructional design and technology program to a real-world workplace.

Offered: fall, spring and summer semesters.

#### **EME 660 - Seminar in Instructional Design (2)**

Discuss advanced topics in instructional design (ID), such as new ID models and innovative approaches to ID research. Invited specialists present lectures and lead discussions on current topics and projects. The student will discuss and contribute to each of these topics.

Offered: fall and spring semesters. This course is delivered in hybrid mode.

#### **EME 661 - Advanced Seminar in Instructional Design (2)**

Discuss advanced topics in instructional design (ID), such as new ID models and innovative approaches to ID research. Invited specialists present lectures and lead discussion on current topics and projects. The students will discuss and contribute to each of these topics. Additionally, this course will cover ethics, contract negotiations, professional development, networking, stakeholder interactions, interviewing skills, instructional development and advanced presentation skills. This course will require the completion of a field internship and/or an advanced instructional design project for a field-based stakeholder as well as a comprehensive exam (professional portfolio).

Offered: fall and spring semesters. This course is delivered in hybrid mode.

## **ENG - English**

#### **ENG 205 - Advanced English Grammar (4)**

Explores attitudes toward language and examines the way English works: its history, its regional and social varieties and its grammar. Includes a thorough review of the conventions of usage governing standard American written English. Satisfies a requirement for the secondary English education major.

Distribution: (HFA). Prerequisite: AWR 101.

#### **ENG 260 - Topics in English (4)**

An investigation of topics in English. May include issues in rhetoric, composition, English language, digital humanities, disability studies or other topics not covered by the core curriculum. May be repeated for credit if content varies.

Distribution: (HFA) (W).

#### **ENG 305 - Research and Writing in the Discipline (4)**

This advanced composition course introduces students to scholarly writing in the humanities. Students will study journal articles as models of professional communication in the field. Students will also practice using discipline-specific resources, such as archives, bibliographies, and databases. Writing assignments will include a variety of exploratory research projects, including a literature review.

Distribution: (HFA)(W). Prerequisite: LIT 120, AWR 101 and AWR 201.

#### **ENG 330 - Language and Rhetoric (4)**

This course explores socio-linguistic, -historical, and -political dimensions of the English language by examining how both written and spoken discourse function as sequences of signs and symbols, as markers of community membership, as means of persuasion, and as sources of knowledge and power. Students will be introduced to theoretical and empirical studies of how language evolves and is employed effectively in various cultural contexts, with attention given to the analysis of literary and non-literary texts, as well as everyday social interactions.

Distribution: (HFA). Prerequisite: ENG 305, AWR 101, and AWR 201.

#### **ENG 343 - Approaches to TESOL and Teaching Second and Foreign Languages (4)**

This course focuses on methods and approaches to teaching second and foreign languages. It incorporates theories of second/foreign language teaching and learning as well as essential concepts from applied linguistics. This course is intended for non-education majors who may pursue graduate studies in TESOL (Teaching English to Speakers of Other Languages), applied linguistics or foreign languages, or for students who may have interest in teaching/tutoring English to non-native speakers in the U.S. or abroad.

Distribution: (HFA). Prerequisite: AWR 101 and AWR 201. Offered: spring semester.



**ENG 370 - Printing, Publishing and Book Arts (4)**

The primary aims of the class are to introduce students to the aesthetic, cultural and material dimensions of the reading experience, to enhance their understanding of how physical and visual presentations shape a reader's perceptions, and to introduce the craft and art of the physical book.

Distribution: (A) (HFA). Prerequisite: AWR 101 and AWR 201.

**ENG 443 - The Supervised Practicum in TESOL (4)**

Students will be observing, tutoring and/or teaching English as a second language at a local language school. Taken as an independent study, this is the final course required to complete the TESOL Certificate. (This course is not to be confused with Florida State Teacher Certification offered by the Education department. There is no connection between the two programs.) A TESOL Certificate is a minimum requirement to teach English internationally and at certain locations in the U.S.

Prerequisite: ENG 205 and ENG 343.

**ENG 490 - English Studies: Career Internship for English Majors (1-10)**

Open only to juniors and seniors. Internship to acquaint English majors with careers and professions and to show them how their special skills can be used in these environments. May be repeated for a maximum of 10 credit hours, 4 of which may count toward the English major. Students must apply for the internship one semester in advance. May not be used to satisfy general distribution requirements.

Prerequisite: 3.0 or higher GPA and consent of faculty advisor and department chair.

**ENG 491 - Senior Portfolio (1)**

The senior portfolio course is required for all English and Writing majors in the last semester of their senior year. The course assesses student attainment of stated outcomes and offers preparation for career development, including employment or graduate and professional schools.

Prerequisite: Senior status, final year. Offered: fall and spring semesters.

**ENS - Environmental Studies****ENS 112 - Environmental Science (3)**

An interdisciplinary study concerned with the historical, ecological, social, political and economic ramifications of the global environmental crisis. Addresses issues such as demographics, energy, pollution, natural resources and environmental policy. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (IG) (NS). Offered: fall and spring semesters.

**ENS 113 - Environmental Science Study Abroad (2-4)**

An interdisciplinary study concerned with the historical, ecological, social, political and economic ramifications of the global environmental crisis. Addresses issues such as demographics, energy, pollution, natural resources and environmental policy. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. ENS 113 is a study abroad course requiring international travel.

Distribution: (IG) (NS). Prerequisite: Permission of instructor. Offered: occasionally.

**ENS 113A - Environmental Science Study Abroad Travel (2-4)**

An interdisciplinary study concerned with the historical, ecological, social, political and economic ramifications of the global environmental crisis. Addresses issues such as demographics, energy, pollution, natural resources and environmental policy. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. ENS 113A is a study abroad course requiring international travel.

Distribution: (IG) (NS). Prerequisite: Permission of instructor. Offered: occasionally.

**ENS 122 - Global Sustainability (4)**

This course examines how humans utilize resources in a variety of subject areas and how resources are or could be consumed in a sustainable manner. Topics covered include: energy production, agriculture, harvesting, transportation, biodiversity, and ecological services. These subjects will be discussed from social, cultural, political, ecological, and economic perspectives with an emphasis on comparative sustainability between different locations on the planet. This course requires two weeks of international travel after the semester.

Distribution: (IG) (NS). Offered: occasionally.

**ENS 135 - Biodiversity Conservation (3)**

Explores topics such as the value of biodiversity, threats to biodiversity, strategies employed to protect endangered species and habitats, and sustainable development. How the process of science is applied to the conservation of endangered species and habitats is the central theme of the course. Case studies focus on regions of the planet that have been designated as biodiversity hotspots. Satisfies a portion of the natural science component of the baccalaureate experience requirements but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (IG) (NS). Offered: occasionally.

**ENS 137 - Sustainability in Cities (3)**

An experiential learning course focused on sustainability issues and solutions in urban areas

around the world. Main topics include water, waste, energy, transportation and food. Includes cross-cultural comparison of lifestyles and resource usage, and site visits to relevant local facilities are included. Satisfies general distribution requirements. Partially satisfies natural science distribution requirements of the baccalaureate experience but is not applicable toward a biology or marine science major or minor. Lecture only.

Distribution: (IG) (NS). Offered: occasionally.

### **ENS 150 - Physical Geology (3)**

A broad survey of the geological processes at work on and within the earth. Topics include the origin and composition of rocks, as well as the origin, location and characteristics of volcanoes, earthquakes and mountain belts, within the framework of plate tectonics. Also covers the modification of the earth's surface by wind, rivers, glaciers, groundwater, waves and currents, and the evolution of continents and ocean basins. Lecture only.

Distribution: (NS). Prerequisite: ENS 150L. Corequisite: MAR 150L. Offered: occasionally.

### **ENS 198 - Introduction to Environmental Studies I (4)**

Introduction to Environmental Studies I is the first part of a two-course introductory sequence that explores the field of environmental studies from the disciplinary perspectives of the natural sciences, social sciences, arts, and humanities. This course will investigate the intersectionality of the human population and its ethical, economic, and political systems. It will then survey major issues in environmental studies including biodiversity conservation, ecosystem services, food production, water resources, mineral resources, waste, energy systems, water pollution and air pollution from these diverse perspectives. Introduction to Environmental Studies I will also explore the use of the scientific method, data analysis and interpretation techniques, and the scientific literacy of our society.

Distribution: (NS). Offered: fall semester.

### **ENS 199 - Introduction to Environmental Studies II (4)**

Introduction to Environmental Studies II is the second part of a two-course introductory sequence that explores the field of environmental studies, including the natural sciences, social sciences, and arts and humanities. This course will investigate global environmental change by examining the intersectionality of planetary and anthropogenic systems from the perspectives of these disciplines. The basic function of planetary systems will be examined along with causes and effects of anthropogenic impacts and potential solutions to the problems caused by those impacts. Introduction to Environmental Studies II will also explore the use of the scientific method, data analysis and interpretation techniques, and the scientific literacy of our society. This course satisfies

the Natural Science distribution requirement of the Spartan Studies curriculum.

Distribution: (NS). Prerequisite: ENS 198. Offered: spring semester.

### **ENS 235 - Geographic Information Systems (4)**

Teaches students the applications of geographic information systems technology to a variety of biological issues including delimiting species and habitat distribution, identifying landscape-level relationships between abiotic and biotic factors and their spatial effects on populations; identifying potential effects of human activity on natural areas and populations; and developing management and regulatory policies including defining potential protected areas.

Distribution: (NS) (SS) (Category III). Offered: fall and spring semesters.

### **ENS 242 - Environmental Science and Policy (4)**

Covers many of the most threatening environmental problems facing society. When possible, these issues are discussed at local, national and global levels to demonstrate how policy and cultural differences impact the various threats to the environment and to the human population. Environmental threats are discussed both in the context of their impact on natural ecosystems and their potential threat to human health and economic growth.

Distribution: (W) (IG) (NS) (Category III). Prerequisite: Biology lower-core curriculum. Corequisite: BIO 242L. Offered: fall semester.

### **ENS 242L - Environmental Science and Policy Discussion (0)**

Covers many of the most threatening environmental problems facing society. When possible, these issues are discussed at local, national and global levels to demonstrate how policy and cultural differences impact the various threats to the environment and to the human population. Environmental threats are discussed both in the context of their impact on natural ecosystems and their potential threat to human health and economic growth.

Prerequisite: Biology lower-core curriculum. Corequisite: BIO 242. Offered: fall semester.

### **ENS 307 - Environmental Microbiology (4)**

This course will provide an advanced understanding of environmental microbiology. The course focuses on understanding the role environmental microbiology has on our daily lives, microbial community structure and communication, growth, reproduction, metabolism, gene expression, and diversity of microorganisms, mechanical and chemical environmental mechanisms to control microbial growth, industrial applications of microbiology.

Distribution: (NS) (Category I). Prerequisite: Biology lower-core curriculum. Corequisite: ENS 307L. Offered: spring semester.

**ENS 307L - Environmental Microbiology Laboratory (0)**

This course will provide an advanced understanding of environmental microbiology. The course focuses on understanding the role environmental microbiology has on our daily lives, microbial community structure and communication, growth, reproduction, metabolism, gene expression, and diversity of microorganisms, mechanical and chemical environmental mechanisms to control microbial growth, industrial applications of microbiology

Distribution: (NS) (Category I). Prerequisite: Biology lower-core curriculum. . Corequisite: ENS 307. Offered: spring semester.

**ENS 346 - Conservation Biology (4)**

A study of the biological and human factors relating to the current global extinction crisis and how conservation practices are used to evaluate and preserve threatened species and habitats. Emphases are placed on how issues in ecology, population, biology and taxonomy affect the status of species, and how these issues relate to policy and management decisions. Materials covered are connected to current literature in in weekly discussion periods.

Distribution: (W) (NS) (Category III). Prerequisite: Biology lower-core curriculum. Corequisite: ENS 346L. Offered: spring.

**ENS 346L - Conservation Biology Discussion (0)**

A study of the biological and human factors relating to the current global extinction crisis and how conservation practices are used to evaluate and preserve threatened species and habitats. Emphases are placed on how issues in ecology, population, biology and taxonomy affect the status of species, and how these issues relate to policy and management decisions. Materials covered are connected to current literature in in weekly discussion periods.

Distribution: (W) (NS) (Category III). Prerequisite: Biology lower-core curriculum. . Corequisite: ENS 346. Offered: spring.

**ENS 349 - Water, Wetlands and Wildlife (4)**

This lecture course covers the struggle between rapid human population growth, the availability of clean water, and the health of aquatic and wetland systems and the wildlife within. Covers a broad range of topics from three major themes: 1) water resource use and water pollution impacts and policy; 2) wetlands biology, impacts, legislation, jurisdictional determination and policy; and 3) the biology, impacts, assessment and conservation of aquatic and semi-aquatic wildlife. International case studies will augment a focus on water issues in the U.S.

Distribution: (IG) (NS) (Category III). Prerequisite: Biology lower-core curriculum. Offered: occasionally.

**ENS 401 - Environmental Studies Seminar (1)**

Environmental Studies Seminar is a discussion-based course that synthesizes knowledge about the

environment and sustainability across the natural sciences, social sciences, arts and humanities, and business disciplines. Students will explore contemporary issues and conduct team-based projects that identify an environmental or sustainability issue in the local community, develop environmental, social, and economic impact assessments, explore solutions, and present their findings. Environmental Studies Seminar may be used to satisfy the capstone requirement of the Minor in Environmental Studies and Minor in Sustainability.

Prerequisite: Completed or concurrently completing all necessary coursework for the Minor in Environmental Studies or Minor in Sustainability. . Offered: fall and spring semesters.

**ENS 410 - Environmental Studies Capstone (4)**

Environmental Studies Capstone is a Culminating Experience course that is required for students pursuing a Major in Environmental Studies and optional for students pursuing a minor in Environmental Studies or Sustainability. Students will work in interdisciplinary teams to develop a solutions proposal for a real-world environmental issue faced by a community partner (e.g., local governments, NGO's, businesses). This solutions proposal will use the skills, theories, and methodologies of the natural sciences, social sciences, and humanities to examine the issue and make strategic recommendations. Students will develop Stakeholder engagement plans and communications strategies for both technical and non-technical audiences, and compete in class for the ability to present their proposal to the community partner.

Prerequisite: Completed or concurrently completing necessary coursework for BS in Environmental Studies, BA in Environmental Studies, Minor in Environmental Studies, or Minor in Sustainability. . Offered: fall semester.

**ENT - Entrepreneurship****ENT 320 - Introduction to Entrepreneurship/Feasibility (4)**

This course requires students to develop a feasibility study for a new business venture. The study will be utilized throughout courses in the major and will form the basis of the business plan in ENT 487. In addition to a historical review of entrepreneurship, students assess the value of a concept and explore opportunity recognition, innovation and creativity, pro forma financial statement development, the legal structures of business, risk analysis and types of entrepreneurial ventures.

Distribution: (W). Prerequisite: COB requirements for taking 300-level courses, AWR 101, AWR 201. . Offered: fall, spring and summer semesters.

**ENT 330 - Creativity and Innovative Problem Solving (4)**

This course introduces students to the principles and techniques of creativity and opportunity recognition that are critical to an entrepreneurial mindset. Students will learn a wide variety of creative problem solving and theory building skills and have the opportunity to apply those to the development of an innovation or invention. Students will also learn how to identify and reduce self-imposed limitations to creativity and opportunity recognition. In addition, business modeling techniques are presented as a method for evaluating creative ideas.

Prerequisite: ENT 320 or MGT 330 and all prerequisites for either ENT 320 or MGT 330. Offered: fall and spring semesters.

#### **ENT 360 - New Venture Finance (4)**

Major sources of funding for new ventures - including family and friends funding, angels, venture capitalists, informal investors, banks, investment banks, suppliers, buyers and the government - are reviewed and evaluated in this course. Some topics for this course include debt and equity capital markets, valuation, bootstrapping, joint ventures, strategic alliances, private placements, IPOs and management buyouts. Student will create pro formas and develop a funding plan for a new venture.

Prerequisite: ENT 320, FIN 310 and all prerequisites for ENT 320 and for FIN 310. Corequisite: ENT 487. Offered: fall and spring semesters.

#### **ENT 380 - Introduction to Hospitality Management (4)**

This course provides an overview of the trends and developments as well as the fundamental management functions in the hospitality industry. Students will gain an understanding of the primary segments of industry, including lodging, restaurants, theme parks, clubs and event management.

Prerequisite: ENT 320 or MGT 330 and all prerequisites for either ENT 320 or MGT 330. Offered: as needed.

#### **ENT 390 - Managing the Family Business (4)**

This course begins with an overview of the basic business principles as they apply to multi-generational businesses. The course covers the vital importance of family businesses to communities and national economies, and the unique problems and opportunities they face. A systems perspective is used to understand the dynamics among family members, the ownership and the management of the business. The course uses speakers, case studies and assessment tools to develop understanding and strategies for managing those dynamics. It is designed for majors and non-majors either from or interested in family businesses.

Prerequisite: ENT 320 or MGT 330 and all prerequisites for either ENT 320 or MGT 330. Offered: as needed.

#### **ENT 420 - Managing the Start Up Venture (4)**

This course addresses the principles of organizational architecture, group behavior and performance, interpersonal influence, leadership and motivation in entrepreneurial settings. This course is a writing intensive course, requiring students to develop written organizational model articulating the startups organizational design, human resources management, leadership and organizational behavior in the context of a new, small firm. For many entrepreneurs, the most pressing questions (aside from those about financing) are about how to locate and recruit talented people, and how to manage and keep them, and how to build a high-growth, long-term, sustainable firm.

Distribution: (W). Prerequisite: Prerequisite - ENT 320, MGT 330, and all prerequisites for ENT 320 and MGT 330. . Offered: fall and spring semesters.

#### **ENT 475 - Real Estate Venturing (4)**

Real estate venturing is the process of exploring a commercial or residential opportunity that may result in the future creation or acquisition of a business. This course introduces students to real estate principles and the fundamentals of venturing and entrepreneurship in relation to the real estate industry. The course will also explore opportunities in brokerage, including residential, commercial and business brokerage. Further, the course presents students with an overview of the real estate investment process.

Prerequisite: MGT 330 or ENT 320. Offered: summer semester only.

#### **ENT 487 - Business Plan Development (4)**

This course draws on a broad range of business disciplines including management, marketing, finance and accounting to develop the business plan. Critical elements of the plan include industry/market analysis, clear opportunity and concept definition, target market analysis, a comprehensive human resource plan, financial pro forma analysis, as well as statements of sources and uses of funds, and an assessment of critical risks. Semester-long work on the business plan culminates with a business plan competition.

Distribution: (W). Prerequisite: BUS 221, ITM 220, ENT 320, FIN 310, MGT 330, MKT 300, and all prerequisites for the aforementioned courses. . Corequisite: ENT 360. Offered: fall and spring semesters.

#### **ENT 490 - Entrepreneurship Internship (1-8)**

This internship exposes the student to a real-life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. May be used to satisfy up to 4 credit hours of entrepreneurship electives. Approval of the department chair required.

Prerequisite: ENT 320, junior or senior standing and at least a 2.75 cumulative GPA or a 3.0 in COB courses. . Offered: fall, spring and summer semesters.

**ENT 495 - Seminar in Entrepreneurship (4)**

Topics vary and focus on emerging ideas and the latest research in areas of entrepreneurship that are not covered by the current curriculum. Sample topics include creativity and problem-solving, innovation and technology entrepreneurship, legal issues for entrepreneurs, corporate entrepreneurship, real estate venturing and social entrepreneurship.

Prerequisite: ENT 320 and all prerequisites for ENT 320 or permission of instructor. . Offered: as needed.

**ENT 610 - Preparing for the Entrepreneurial Journey (4)**

Entrepreneurship is the art of business. Think of the business plan and the business operation as your canvas. Entrepreneurship takes creativity, innovation and perseverance. Entrepreneurship is a way of thinking and acting. In this course, you will acquire a greater understanding of the entrepreneurial process — a process of opportunity recognition, resource marshalling and team building driven by communication, creativity and leadership You will work on YOUR business concept.

Prerequisite: Acceptance into the MS in ENT program. Offered: fall and spring.

**ENT 620 - Creativity and Innovation for Entrepreneurs (4)**

This course is part of the M.S. in Entrepreneurship and introduces students to the principles and techniques of ideation, creativity and opportunity recognition that are critical to an entrepreneurial mindset. Students will learn a wide variety of creative problem solving and theory building skills and have the opportunity to apply those to the development of a new concept and venture. Students will also learn how to identify and reduce self-imposed limitations to creativity and opportunity recognition. In addition, business modeling techniques are introduced as a method for evaluating creative ideas.

Prerequisite: ENT 610. Offered: fall and spring.

**ENT 630 - Selecting and Developing a Business Model (4)**

Creating new businesses, capturing new markets and enhancing organizational effectiveness occur through improving productivity or innovation, or both. New discoveries, new technologies, competition and globalization compel both entrepreneurs and existing firms to foster innovation and agility. This course explores successful frameworks, strategies, funding techniques, business models, risks and barriers for introducing breakthrough products and services. Topics include business model innovation, design-driven innovation and leadership The focus is on the selection of appropriate business models.

Prerequisite: ENT 610 and ENT 620. Offered: fall and spring semesters.

**ENT 640 - New Venture Finance (4)**

This course uses a combination of case discussions and lectures to study entrepreneurial finance. The course is targeted toward budding entrepreneurs. The course begins with an overview of financial statements. A thorough examination of forecasting revenues and expenses are used to create pro forma financial statements. The course then shifts to financing operations of startups with limited resources. External sources of financing to fund growth are introduced, and the tax implications of all financial decisions are evaluated. The course concludes with a discussion of exit strategies available to harvest the investment in the startup.

Prerequisite: ENT 610, ENT 620 and ENT 630. This course also has an on-line component that must be completed before taking the class. . Offered: winter and may.

**ENT 650 - Entrepreneurial Marketing (4)**

In this course we will explore how marketing and entrepreneurship affect and are affected by one another. We will examine concepts from each of these two areas to determine how they apply to and how they can aid the practice of the other. We will look at the role of marketing in entrepreneurial ventures and the role of entrepreneurship in marketing efforts of all firms. Attention will be devoted to understanding why marketers resist entrepreneurship, as well as the common mistakes entrepreneurs make when it comes to marketing.

Prerequisite: ENT 610, ENT 620, and ENT 630. The course has an on-line component that must be completed before taking the class. . Offered: spring and summer.

**ENT 660 - Risk Mitigation and Legal Issues for Entrepreneurs (4)**

This course broadly surveys the legal issues affecting entrepreneurial ventures, including: selecting and working with an attorney, business entity selection, corporate governance, contracts, the Uniform Commercial Code, operational liabilities, insurance, debtor-creditor relations, bankruptcy, human resources and buying and selling a business.

Prerequisite: ENT 610, ENT 620, and ENT 630. Offered: spring and summer.

**ENT 675 - Leading and Managing New Ventures (4)**

This is not a survey course in entrepreneurship or in leadership Instead, this course addresses the principles of organizational architecture, group behavior and performance, interpersonal influence, leadership and motivation in entrepreneurial settings. A primary goal is to develop your competencies in organizational design, human resources management, leadership and organizational behavior in the context of a new, small firm.

Prerequisite: ENT 610, ENT 620, and ENT 630. Offered: fall and summer.

**ENT 680 - Communicating with Investors and Partners (4)**

This course treats entrepreneurship as a form of strategy. In today's competitive environment, size of company does not correspond to entrepreneurship. On the one hand, companies like Microsoft, General Electric and Southwest Airlines have kept excellent cultures of entrepreneurship despite decades of phenomenal growth. On the other, large companies usually find their most aggressive competitors to be startups. Regardless of the type of company you will work in, it is critical to have a strong working knowledge of entrepreneurial strategies. You will work on your project in this course.

Prerequisite: ENT 610, ENT 620, and ENT 630.  
Offered: spring and summer.

**ENT 689 - Entrepreneurship in a Global Economy (4)**

This course provides an understanding of the principles of entrepreneurship and new venture creation in a global marketplace. In addition to examining the role of entrepreneurship in the global economy, the course will focus on developing skills that are fundamental to recognizing and developing a business opportunity. Students will examine key features of an international business deal as well as legal, financial, and cultural considerations that impact an international business opportunity. Utilizing these skills, students will prepare a feasibility analysis for an international business concept.

Offered: as needed.

**ENT 695 - Seminar in Entrepreneurship (4)**

For graduate students only. Topics vary and will focus on emerging ideas and the latest research in areas of entrepreneurship that are not covered by the current curriculum. Though not limited to these, example topics include creativity and problem-solving, innovation and technology entrepreneurship, legal issues for entrepreneurs, corporate entrepreneurship, real estate venturing and social entrepreneurship.

Offered: as needed.

**ESC - Exercise Science****ESC 105 - Biokinetics and Conditioning (2)**

Involves testing, designing and implementing a personal physical fitness program. Emphasis is on developing and implementing personal fitness programs that include cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition.

Offered: fall and spring semesters.

**ESC 110 - Introduction to Exercise Science and Sport Studies (2)**

An introduction to the exercise science profession, including the objectives, structure, history, philosophy and biological aspects of physical education and their field applications.

Offered: fall and spring semesters.

**ESC 150 - Comprehensive First Aid/CPR/AED (2)**

This course provides the knowledge and practical skills necessary to help sustain life and minimize the consequences of injury or sudden illness until advanced medical personnel arrive. Students develop an awareness of safety and emergency response planning in the worksite and community. Topics include CPR with AED training, prevention of infectious disease transmission, trauma care, sudden illness care, environmental hazards care and emergency response planning. American Red Cross Certifications in Adult/Child/Infant CPR with AED and Responding to Emergencies First Aid may be earned. Lab fees for certification required.

Offered: fall and spring semesters.

**ESC 151 - Swimming (1)**

Develops fundamental skills and methods for teaching swimming and water safety.

Offered: fall and spring semesters.

**ESC 200 - Methods of Teaching Tennis (1)**

Covers methods and procedures for teaching tennis. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: fall and spring semesters.

**ESC 202 - Outdoor Education (4)**

An interdisciplinary approach to education in the outdoors, combining lectures, observations, field investigations and practical experiences in camping, canoeing, fish and wildlife management, environmental control and other concomitants of the outdoors. Two hours may be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: summer sessions.

**ESC 240 - Lifetime Sports (2)**

Covers methods of teaching the recreational sports of archery, badminton and golf. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: fall and spring semesters.

**ESC 280 - Adult Fitness (3)**

A comprehensive discussion of corporate fitness that stresses fitness testing, prescriptive fitness programs and the role of fitness centers in the corporate/community structure.

Offered: fall and spring semesters.

**ESC 296 - Independent Study in Exercise Science (1-8)**

A course offered at the discretion of the Health Sciences and Human Performance Department. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

**ESC 299 - Special Topics in Exercise Science (3-4)**

A course offered at the discretion of the Health Sciences and Human Performance Department. Subjects may focus on exercise science topics of current interest in the field or a topic that is of interest to a particular group of students.

### **ESC 301 - Sport and Exercise Psychology**

This is an elective course that will appeal to students who are interested in learning about human behavior during sports and exercise. It examines what motivates us, frightens us, angers us and affects our performance of physical activity or sport. Strategies for improving competitive skills, dealing with competitive pressure, maximizing performance and promoting emotional and cognitive health and well-being will be explored. In particular, this course will appeal to students majoring in human performance, athletic training, sport management, physical education, and allied health.

Offered: fall and spring semesters.

### **ESC 312 - Dance/Rhythmics (3)**

A course that prepares students for teaching creative rhythmics, aerobic dance, folk and square dance, line and social dance to participants of all ages.

Distribution: (A). Offered: spring semester.

### **ESC 320 - Coaching and Teaching of Football and Wrestling (2)**

Focusing on developing and testing skills in participants, as well as officiating in football and wrestling, and examining the psychology of coaching. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: fall semester.

### **ESC 321 - Coaching and Teaching of Baseball, Basketball and Softball (2)**

Focusing on developing and testing skills in participants, as well as officiating in baseball, basketball and softball, and examining the psychology of coaching. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: fall and spring semester.

### **ESC 322 - Coaching and Teaching of Volleyball and Track and Field (2)**

Focusing on developing and testing skills in participants of volleyball and track and field, and examining the psychology of coaching. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: fall semester.

### **ESC 323 - Coaching and Teaching of Soccer and Field Hockey (2)**

Focusing on developing and testing skills in participants of soccer and field hockey, and examining the psychology of coaching. May be used toward professional activities requirement of Exercise and Recreation Leadership concentration.

Offered: spring semester.

### **ESC 329 - Coaching Team and Individual Sports (3)**

A comprehensive approach to coaching athletics, including planning, values, psychology, roles and goals.

Offered: fall and spring semesters.

### **ESC 330 - Human Development and Motor Learning (3)**

A study of human development and motor learning throughout the life cycle, with emphasis on physical growth, the effects of exercise, fundamental motor patterns and developmental skill acquisition.

Prerequisite: HSC 220 or HSC 230 with a C or better. . Offered: fall and spring semesters.

### **ESC 340 - Applied Kinesiology (3)**

A study of bone-muscle relationships and problems of analysis in human motion as related to the muscular skills in body mechanics and athletics.

Distribution: (W). Prerequisite: HSC 220 or HSC 230 with a C or better. Offered: fall and spring semesters.

### **ESC 371 - Prevention and Care of Sports Injuries (3)**

Familiarization with the field of athletic training and the basic techniques, principles and theories underlying the prevention and care of various athletic injuries and conditions.

Prerequisite: HSC 220 or HSC 230 with a C or better and ESC 340. Pre- or corequisites: ESC 150 or HSC 250. . Offered: fall and spring semesters.

### **ESC 372 - Principles of Exercise Leadership (2)**

This course will provide ESC adult fitness and teaching majors with the proper form, mechanics and cues to safely perform and present fundamental movement skills. In addition, majors will learn proper execution. Students will also identify and analyze movement errors, and develop appropriate correction and cueing. The basics of assessment, presentation, observation and correction will be applied as students work with individuals and lead groups with the intent of developing motor and fitness skills and routines.

Prerequisite: HSC 100 and HSC 220 or HSC 230 with a C or better. Offered: fall and spring semesters.

### **ESC 380 - Exercise Testing and Prescription (3)**

Studies trends in exercise habits, exercise evaluations and the process for clients developing a total wellness approach to living. Students will learn to apply principles of developing a fitness program. Lab fees for personal trainer certification examination required. Current First Aid/CPR certification required for certification examination.

Prerequisite: HSC 220 or HSC 230 with a C or better (ESC 340 recommended). Offered: fall and spring semesters.

### **ESC 391 - Environmental Exercise Physiology and Outdoor Recreation in New Zealand (2)**

This on-campus component meets for 7 weeks in the semester prior to international departure; it is linked to a travel course (ESC 391A). Enrollment and successful completion of the on-campus component (ESC 391) is

required for travel abroad. Content includes exploration of how environmental stressors impact human physiological processes during physical activity, comparison of national agendas for health and physical activity between the US and NZ as well as professional issues related physical activity leadership, and prevention and mitigation of risk during participation in physical activity.

Prerequisite: Instructor Permission. Offered: spring semester.

### **ESC 391A - Environmental Exercise Physiology and Outdoor Recreation in New Zealand – Travel Abroad (2)**

This is the study abroad compliment to ESC 391. Successful completion of the on-campus component (ESC 391) is required for enrollment in the study-abroad component. Through travel to the host country and with a focus on experiential learning, students examine the physiological contribution to participation in outdoor recreational activities. Ample opportunities to interact with academics, practitioners and students are provided during workshops and seminars in a human performance facilities at the partner institution. Exploration of the host country's culture, history, and landscape is provided during and participation in typical outdoor adventure activities.

Prerequisite: (1) Successful completion of ESC 391 (didactic) (2) Valid First Aid, CPR/AED certifications (3) Physical and medical capacity/fitness to engage in outdoor adventure activities such as trekking, kayaking, etc. (4) Instructor Permission. Offered: May or Summer term.

### **ESC 400 - Physical Education and Fitness for Special Populations (3)**

Examines the special physical education and physical fitness needs of individuals with chronic or functional handicaps.

Distribution: (W). Offered: fall and spring semesters.

### **ESC 405 - Community Physical Activity Programs (3)**

Through didactic and service-learning, students gain hands-on physical activity programming experience, including health and physical fitness assessment, program design, and implementation. Community partnerships are utilized for client recruitment; the client population may change each offering. Students, under the supervision of a faculty member, work directly with a community partner and a client/athlete during the course. Client sessions occur during the scheduled class period, but may be held off campus. Students may be required to submit a background check or proof of vaccinations prior to enrollment.

Prerequisite: (1) Suggested Pre- or Co-req Courses: ESC 380, ESC 400, ESC 460 (2) Valid adult CPR/AED certification (3) Background check and Proof of vaccinations may be required (4) Instructor Permission. Offered: spring semester.

### **ESC 411 - Recreation Leadership and Administration (2)**

A study of the organizational patterns and administrative processes involved in leisure-oriented organizations.

Offered: fall and spring semesters.

### **ESC 414 - Sports and Society (3)**

An analysis of sports from a sociological perspective. Investigates sport theory from historical to modern contexts. Includes a critical appraisal of the expanding literature on the origins, functions and effects of sports in society.

Offered: fall and spring semesters.

### **ESC 450 - Tests and Measurement (3)**

Open only to junior and senior exercise science majors whose concentration is teaching physical education, and exercise science students whose concentration is adult fitness. A study of the available tests, measurement and assessment procedures for the physical education or fitness instructor.

Prerequisite: ESC 105 and ESC 110 or HSC 200.

Offered: fall semester.

### **ESC 460 - Physiology of Exercise (3)**

Develops knowledge and understanding of the function and limitations of the organism during exercise.

Distribution: (W). Prerequisite: HSC 220 or HSC 230 with a C or better. . Offered: fall and spring semesters.

### **ESC 470 - Field Work in Recreation (4-6)**

An instructional program that includes supervised pre-professional practice in approved recreational service agencies. Involves observation and participation in planning, conducting and evaluating at the face-to-face supervisory and executive levels of leadership Graded on a pass/fail basis.

Prerequisite: Completion of 6 credit hours of professional courses and departmental approval.

Offered: fall and spring semesters.

### **ESC 480 - Internship in Human Performance (2-12)**

Offers practical experience in health and fitness center programming. Admission by application to the department chair. Students must provide proof of current CPR certification, and may be required to provide individual liability insurance. Graded on a pass/fail basis. This course may be repeated for credit for a maximum of 12 credit hours.

Prerequisite: Senior academic status and departmental approval. Offered: fall, spring and summer semesters.

### **ESC 485 - Undergraduate Research in Human Performance (1-8)**

This course is an experiential education course that focuses on conducting undergraduate research in human performance and working along with a faculty member. The students will be engaged in project conception, background literature study, methodology,



data collection, analyzing results, and possible presentation of research to larger community. At least 2 hours a week is required for each credit hour.

Prerequisite: Permission of instructor.

### **ESC 491 - Senior Seminar in Exercise Science**

A capstone experience required for Human Performance majors. Students will demonstrate theoretical knowledge, scientific literacy, and evidence-based practice developed during their undergraduate years. The course explores professional certifications (NASM; ACSM; NSCA), graduate degree options, and possible career paths.

Prerequisite: ESC 380 and senior status. Offered: fall and spring semesters.

### **ESC 496 - Independent Study in Exercise Science (1-8)**

Independent Study in Exercise Science - A course offered at the discretion of the Health Sciences and Human Performance Department. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

### **ESC 499 - Special Topics in Physical Education (1-4)**

A seminar and/or independent study incorporating special issues in the field of physical education. May be repeated for credit.

Prerequisite: Junior standing. Offered: fall and spring semesters.

### **ESC 605 - Dimensions of Strength Training (3)**

This course provides the student with a comprehensive overview of advanced dimensions and theory of strength and conditioning. It will cover multiple components of strength and conditioning and how they relate to human performance. The course will analyze acute training variables (exercise choice, order, intensity, volume) on a per training session basis and how they fit within the scope of a training year and career (periodization).

Prerequisite: Must be a graduate student in the Masters of Science in Exercise and Nutrition Science program or by instructor permission. Offered: fall semester.

### **ESC 607 - Exercise and Nutrition Science Theory (3)**

This is a seminar style course in which students investigate and report on nutrition theories underlying sport nutrition and how it relates to human performance.

Prerequisite: Must be a graduate student in the Masters of Science in Exercise and Nutrition Science program or by instructor permission. Offered: summer.

### **ESC 615 - Physiology and Energetics of Exercise (3)**

This course covers, in depth, theories on the physiological responses to exercise in untrained, trained, and athletic populations. It provides students with an advanced understanding of the role physiological responses to exercise training.

Prerequisite: Must be a graduate student in the Masters of Science in Exercise and Nutrition Science program or by instructor permission. Offered: spring semester.

### **ESC 617 - Current Perspectives in Exercise Science (3)**

This is an interactive course in which students investigate applications used in exercise science by experts in the field and report on the scientific efficacy and application of these practices. The course also involves application of theory using various case studies throughout the semester.

Prerequisite: Must be a graduate student in the Masters of Science in Exercise and Nutrition Science program or by instructor permission. Offered: spring semester.

### **ESC 625 - Exercise and Nutrition Laboratory Techniques (2)**

The purpose of this course is to provide students with a hands on advanced understanding of how to utilize laboratory techniques associated with nutrition and exercise science. Including but not limited to body composition analysis, ultrasonography, isokinetic, isotonic, and isometric force testing. Strength and power assessment, as well as a review of important exercise techniques.

Prerequisite: Must be a graduate student in the Masters of Science in Exercise and Nutrition Science program or by instructor permission. Offered: spring semester.

### **ESC 696 - Independent Study in Exercise Science (1-8)**

A course offered at the discretion of the Health Sciences and Human Performance Department. Eligible students are in the Masters of Exercise and Nutrition Science program. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

## **FIN - Finance**

### **FIN 250 - Personal Finance (2)**

This course is intended to help students understand and apply basic principles of good financial management in their personal financial decisions. Topics include personal budgeting, tax planning, managing cash and credit, making sound insurance decisions, investments and retirement planning. Not counted as a finance elective for the minor or the major.

Prerequisite: MAT 160 or equivalent. Offered: spring semester.

### **FIN 310 - Financial Management (4)**

This course focuses on financial analysis and decision-making for corporations including the legal and ethical obligations of financial managers. Students use accounting information to assess a firm's performance. Time value of money and incremental

discounted cash flow techniques are used to value stocks, bonds, and potential corporate investments. Students calculate the weighted average cost of capital and learn to apply short-term financial management tools. The risk-return trade-off is introduced using a statistical framework and the Capital Asset Pricing Model. MS Excel and a financial calculator are required.

Prerequisite: AWR 101 with a "C" or better, AWR 201, ACC 202 and ACC 203, ECO 204 and ECO 205, QMB 210. A minimum GPA of 2.25 is required in at least 22 hours of 100- and 200-level required COB courses. Corequisite: BAC 100. Offered: fall, spring and summer semesters.

#### **FIN 319 - Applied Finance and Accounting using Enterprise Resource Systems (4)**

This course is designed to provide an introduction to the financial and accounting features of SAP as a solution for enterprise resource planning. The cross functional nature of business processes requires an integrated view of the company. The integration between finance and other business functions are analyzed within the context of the enterprise resource system. The configuration, data and critical transactions required by financial management are demonstrated in the course.

Prerequisite: FIN 310 and a minimum GPA of 2.25 in at least 22 credit hours in required 100- and 200-level required COB courses. Offered: Spring semester.

#### **FIN 410 - Intermediate Financial Management (4)**

An in-depth study of financial decision-making primarily in the corporate environment. This course builds and expands on the skills developed in the managerial finance course. Topics include financial statement analysis, the capital budgeting process, cost of capital, capital structure, dividend policy, working capital management and short- and long-term financial planning. The course will include both theory and practice, and students will make extensive use of MS Excel.

Prerequisite: FIN 310 and MAT 225. Offered: fall and spring semesters.

#### **FIN 415 - Applied Investment Management (4)**

This course provides an opportunity for students to blend the theory of investments with the practical demands of hands-on investment management. Hands-on management of a real portfolio achieves the practical objectives. Periodically, security analysts and portfolio managers are invited as guest speakers to share practical insights on the investment management process. Bloomberg training is available.

Prerequisite: FIN 440 and GPA of 3.0 or greater. Offered: fall and spring semesters.

#### **FIN 425 - International Financial Management (4)**

The course examines the role of the multinational firm as a catalyst and facilitator of international business. Examines and explores the management of international financial risk, foreign exchange, corporate

financing from a global perspective, direct foreign investment decisions and international portfolio allocation.

Distribution: (IG). Prerequisite: FIN 310 and MAT 225. Offered: fall and spring semesters.

#### **FIN 440 - Investment Analysis and Portfolio Management (4)**

This is a course in the theory and the practice of investment management. The course includes analysis of specific securities as well as asset allocation and portfolio management strategies. The focus of the course is on professional money management, especially equity portfolio management. Successful investment managers learn to take an ethical, client-centered approach to investment decision making, while making use of financial models and datasets and navigating a highly regulated and competitive business environment.

Prerequisite: FIN 310. Offered: fall and spring semesters.

#### **FIN 450 - Risk Management for Business (4)**

Students will evaluate a variety of types of risk that impact a company's financial performance. Students will develop a comprehensive risk management strategy for a firm that incorporates derivative securities, insurance, and other risk management tools. Formal and informal written assignments will be used to enhance the students' understanding of the impact of risk management strategies on a firm's individual performance and on the economic environment. The course requires extensive use of MS Excel at the intermediate level for evaluating the financial implications of decisions.

Distribution: (W). Prerequisite: FIN 410 and COB lower core. Offered: fall and spring semester.

#### **FIN 470 - Financial Markets, Institutions, and Money (4)**

A survey of the global financial environment, including major financial institutions, securities markets and other financial markets. Topics include money and banking, the determination of interest rates, monetary policy, market efficiency, investment banking, hedging, risk management and derivatives. The course emphasizes current and recent economic trends and financial innovations.

Prerequisite: FIN 310. Offered: fall and spring semesters.

#### **FIN 480 - Financial Models (4)**

This course will provide applied skills in designing and building financial models. The course will span several financial topics all of which will be worked on within MS Excel framework. The primary focus of the course is to relate the theory of finance to practical and usable spreadsheet models that will assist a financial manager with a firm's investment and financing decisions.

Prerequisite: FIN 310 & FIN 410. Offered: spring semester.

#### **FIN 490 - Finance Internship (1-8)**

This internship exposes the student to a real-life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. May not be used to satisfy major requirements. Approval of the department chair required.

Prerequisite: FIN 310, junior or senior standing and a minimum cumulative GPA of 2.75 or a 3.0 in COB courses. Offered: fall and spring semesters.

#### **FIN 491 - Advanced Financial Management (4)**

Senior seminar course for finance majors. An advanced, in-depth course in finance with heavy use of cases that explore timely topics in-depth, such as forecasting and financial modeling, financial statement analysis and working- capital management.

Prerequisite: FIN 310 and FIN 410. Offered: fall semester.

#### **FIN 495 - Special Topics in Finance (4)**

A course offered at the discretion of the finance department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

#### **FIN 499 - Independent Study in Finance (1-4)**

A readings or independent study course taken under faculty guidance for variable credit.

Prerequisite: Minimum 3.0 GPA and consent of the department chair and associate dean. Offered: as needed.

#### **FIN 500 - Foundations of Finance (2)**

Covers the basic tools and applications used in financial management. Includes time value of money, valuation, project evaluation, risk-return analysis and capital structure. Students will solve a variety of problems using financial calculator and spreadsheet programs.

Offered: fall, spring and summer semesters.

#### **FIN 611 - Financial Management and Strategy (4)**

For graduate students only. This course is concerned with the theory and the practice of managerial finance, especially in the context of the publicly held corporation in a competitive global environment. The course includes analysis of current and historical financial position and short-term financial decisions. The course emphasizes long-term strategic decisions such as major investments, acquisitions and capital structure decisions. The principles of cost-benefit analysis, value creation, risk and return, and time value

of money are demonstrated in a variety of business case examples. The course includes an introduction to portfolio theory, international finance and financial derivatives. Includes curriculum from the CFA® program.

Prerequisite: ACC 500, ECO 500, FIN 500, and QMB 500. Offered: fall, spring and summer semesters.

#### **FIN 616 - Corporate Finance and Valuation (4)**

This course will show students how to value a publicly held company using valuation techniques including Free Cash Flow, Market Comparable and Economic Profit Analyses. This course uses a combination of case study learning and currently available information to establish the methodology and execution of the various valuation techniques. Students will use these valuation techniques to value a publicly held company. Students will be required to deal with and get comfortable with the uncertainty in the corporate valuation field. Students will be required to research a public company and make decisions concerning capital budgeting, cost of capital and capital structure.

Prerequisite: FIN 611 or FIN 626. Offered: spring semester.

#### **FIN 617 - Analytics in Finance (4)**

This course is designed to introduce graduate students to the latest techniques and methodologies used in the analysis of financial data. Students will become familiar with several types of finance datasets such as Bloomberg, CRSP and Compustat, be able to manage and work with large datasets, understand the issues faced by an analyst with respect to selection bias and endogeneity in applied finance and propose possible solutions for the same. In the Analytics in Finance course students will learn and apply discipline-specific statistical and econometric techniques. Specifically, student will perform and communicate empirical analysis by examining a specific research question.

Prerequisite: FIN 500 and QMB 500.

#### **FIN 626 - Financial Analysis for Management (4)**

This course uses mathematical and statistical models and current financial data to analyze various topics in corporate finance, bridging the gap between theory and practice. Topics covered include analysis of financial performance and forecasting, capital budgeting, investment decisions, working capital management, external financing, optimal capital structure, dividend policy, and real option analysis. Students use various tools to analyze cash flows, net present value, risk and return, and valuation using real business data. Students will also investigate advanced corporate finance topics such as corporate restructuring, agency problems, asymmetric information, and executive compensation policies. Includes curriculum from the CFA® Program.

Prerequisite: ACC 500, ECO 500, QMB 500 and FIN 500. Offered: fall and spring semesters.

**FIN 630 - International Finance (4)**

Course applies no-arbitrage theory to multinational financial management. Topics include international financial markets, international parity conditions, hedging foreign cash flows, arbitrage portfolios, international capital budgeting, international portfolio allocation and international cost of capital. Includes curriculum from the CFA® program.

Prerequisite: FIN 611 or FIN 626. Offered: spring semester.

**FIN 640 - Investment Portfolio Management (4)**

Encompasses portfolio management at both introductory and intermediate levels. Topic areas include: quantitative analysis, the portfolio management process and investor policy statements, portfolio construction and types of securities, portfolio performance measures and the option strategies for equity portfolios. The course also includes detailed analysis of fixed income securities, macroeconomics, industries and individual firms. Includes curriculum from the CFA® program.

Prerequisite: ACC 500, ECO 500, FIN 500, and QMB 500. Offered: fall and spring semesters.

**FIN 645 - Advanced Portfolio Management (4)**

This course deals with the theory and practice of portfolio management and investment analysis at an advanced level. The emphasis is on strategic investment management topics and applications including portfolio optimization, performance attribution techniques, fixed income analysis and portfolio risk management. Students will learn to critically evaluate and implement existing and recently developed portfolio management models. Includes curriculum from the CFA® program.

Prerequisite: FIN 640. Offered: fall and spring semesters.

**FIN 650 - Venture Capital and Alternative Investments (4)**

This course describes the common types of alternative investments, methods for their valuation, advanced data analytic techniques, unique risks and opportunities associated with them, and the relationships that alternatives have to more traditional investments. Includes curriculum from the CFA® Program.

Prerequisite: FIN 611 or FIN 626. Offered: summer semester.

**FIN 660 - Applied Corporate Finance (4)**

Applied Corporate Finance is designed to provide an in-depth examination of important financial management concepts integrated with SAP. Using a balanced approach of theory and application, this class focuses on the analytical techniques involved in financial planning and decision-making in the firm. Primary emphasis is placed on the importance of strategic investment and financing choices and the logic behind these critical decisions made by the financial

manager. An introduction to the financial accounting features of SAP as a solution for enterprise resource planning is provided, along with using SAP to generate information used to make financial decisions.

Prerequisite: FIN 611 or FIN 626. Offered: summer semester.

**FIN 670 - Financial Markets and Derivatives (4)**

This course is concerned with the creation, pricing and trading of financial assets and derivative securities and the financial markets those securities are traded in. Topics include financial intermediation, the determination of interest rates, banking, monetary policy, investment banking, and market efficiency. Students learn to use financial models to analyze the characteristics and valuation of securities based on interest rates and other market rates for a variety of financial assets including derivative securities. The course emphasizes current trends in financial markets and financial innovations. Includes curriculum from the CFA® Program.

Prerequisite: FIN 611 or FIN 626. Offered: fall semester.

**FIN 689 - Global Finance (4)**

Global finance introduces the key financial techniques of exchange rate forecasting, capital budgeting, capital structure, risk management, and portfolio theory all from a global perspective. The course is aimed for graduate students seeking a thorough introduction to finance topics which are extended using experiential educational techniques. Appropriate software including Monte Carlo simulation and enterprise resource planning systems are applied to enhance the technical capabilities of future financial leaders in a global marketplace.

**FIN 690 - Internship (1-3)**

International students must consult with the Office of International Programs. May be used to satisfy practicum requirements.

Prerequisite: Approval by the Graduate Office, the college internship coordinator and the associate dean. Offered: fall, spring and summer semesters.

**FIN 695 - Special Topics in Finance (4)**

A course offered at the discretion of the finance department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

**FIN 699 - Independent Study in Finance (1-4)**

For graduate students only. Contemporary topics in finance.

Prerequisite: Minimum 3.5 GPA and written permission of the department chair. Offered: as needed.

## FMX - Film, Animation, and New Media

### FMX 201 - World Animation (4)

A critical and analytical study of the history of animation, from the earliest experiments in countries around the world to modern day computer and videogame animation in Western and non-Western contexts. The course content may consist of lectures, screenings, and discussions, as well as the production of simple animation projects in response to course material. Course readings go in depth to provide an understanding of animation from Asia, the Middle East, Latin America, Eastern Europe, Sub-Saharan Africa, the United States and Canada, each in its own context. May be counted in the Humanities if not credited to the major.

Distribution: (A) (IG) (HFA) (NW). Offered: fall and spring semesters.

### FMX 207 - Digital Drawing (4)

A studio production course that provides an introduction and investigation into digital drawing techniques, principals, concepts and styles. This course involves the correlation between digital drawing and themes. Emphasis is on studying digital drawing styles and techniques. Laboratory fee required.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### FMX 210 - Digital Media (4)

A studio production course that introduces electronic and digital tools for use in diverse media projects. Covers the history, evolution and theory of relevant technology in order to provide context for the hardware and software used in the class. Laboratory fee required.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### FMX 211 - Media Arts: History and Theory (4)

A survey of media in art, including theatre, architecture, sculpture, painting, film, video, sound/music, photography, performance, games and computing and an exploration of how these art forms have been changed by technologies that are digital, networked, immersive, biotechnical and interactive. Within this context the course explores the use of technology as both a medium and a tool. Recent developments in media arts are examined in relationship to historic art movements with an emphasis on the history of art and its critical interpretation.

Distribution: (A) (HFA) (IG). Offered: fall and spring semesters.

### FMX 213 - 3D Printing and Modeling (4)

A studio production course that explores 3D computer modeling and creation of physical reproductions of the 3D models using 3D printers. Includes an investigation into the theory and

concepts of additive manufacturing and design. Laboratory fee required.

Distribution: (A) (HFA/ST) (IG). Offered: fall and spring semesters.

### FMX 217 - 3D Animation I (4)

A studio production course that gives an introduction to three-dimensional computer animation, exploring the basic techniques of modeling and animation. The course also includes necessary aspects of texture mapping, deformation, motion control, lighting, cameras and rendering. Laboratory fee required.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### FMX 238 - 2D Animation I (4)

A studio production course that teaches the technique of animation as a visual medium, and enables students (regardless of major) to design, script, write, direct and communicate concepts through animation. Emphasizes art, history, movement, audio design and writing. May be used to fulfill the general distribution requirements for the humanities if not used in the major. Laboratory fee required.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### FMX 240 - Screenwriting Fundamentals (4)

An introduction to the practice and principles behind the art and craft of screenwriting. Class includes writing exercises, pitching sessions, script readings, and screenings and film analysis of dramatic narrative films, animation and emergent media. Students complete a series of writing assignments, write short screenplays with Final Draft software, and multiple drafts leading to complete short format screenplays. Students learn about major screenwriters and the art, structure and aesthetics of various types of films and emergent media. This is a writing intensive course, may be used to fulfill the requirements for and the humanities, if not used in the major.

Distribution: (A) (HFA) (W). Offered: fall and spring semesters.

### FMX 241 - Sound, Image and Motion (4)

A studio production course that teaches introduction to hands-on digital film production and post-production. Each student will complete a short documentary, narrative and experimental film. Technical instruction will include level-one instruction on non-linear digital editing software and an introduction to HD cameras. Students will be introduced to portable equipment at the cage (including cameras, tripods, audio recording tools and more) and production facilities, including the black box studio space. Class will be comprised of technical demonstrations, in-class shoots and critiques of student work. Basic history, theory and aesthetics of related media are presented.

May not be used to satisfy general distribution requirements. Laboratory fee required.

Offered: fall and spring semesters.

### **FMX 298 - Professional Seminar (2)**

A studio production course, students develop professional online portfolios, as assigned, to include: 1) work completed within their majors at UT; 2) work from other institutions in transferred courses; 3) bios, project statements, resumes and cover letters. Final portfolios will be submitted for FMX 398 Junior Portfolio Review to be reviewed by FMX faculty. Class will include brainstorming sessions to solve technical and conceptual problems with the support of fellow students, invited faculty and guest professionals. To be taken with FMX 398 after completion of 44 credits. For Animation, Digital Arts, New Media, or BFA Film and Media Arts programs.

Distribution: (HFA). Prerequisite: FMX 210 or FMX 241, and 44 or more earned credits, with at least one of the following: FMX 217, FMX 238, FMX 310, FMX 312, FMX 313, FMX 314, COM 339, or FMX 463; or consent of instructor. Offered: fall and spring semesters.

### **FMX 310 - Creative Coding (4)**

A studio production course that is a continued exploration of graphic and time based tools with emphasis on the creative usage of programming languages. The class will be centered around the interactive manipulation of traditional and experimental time based media and graphics. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 210.

### **FMX 311 - UX/UI User Experience & User Interaction (4)**

A studio production course that studies the nature of interactive media development from the perspective of User Experience (UX) and User Interface and Interaction (UI) development, analyzing the differences and applications of such concepts. The class is divided into two main areas: the first part explores the nature of Interactivity using widely available production and prototyping tools, and the second part studies the optimization of user experiences through the creation of engaging, communicative, and efficient interfaces, fulfilling the Interaction Cycle requirements. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 210.

### **FMX 312 - Narrative Production (4)**

A studio production course that offers students a hands-on opportunity to explore narrative filmmaking using digital technologies in a combined theory and practice approach. Each student completes a series of short digital films relating to the history, theory and aesthetics of narrative film. Technical instruction includes digital cinematography, lighting, sound and editing. Class includes screenings and discussions on the history and theory of the narrative film. May be used to fulfill the general distribution requirements for the majors. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: COM 226 or FMX 240 and FMX 241 or FMX 313. Offered: fall and spring semesters.

### **FMX 313 - Documentary Production (4)**

A studio production course that offers students a hands-on opportunity to explore documentary filmmaking using digital technologies in a combined theory and practice approach. Each student completes one or more short digital films relating to the history, theory and aesthetics of the documentary film. Technical instruction includes digital cinematography, lighting, sound and editing. Class includes screenings and discussions on the history and theory of documentary film and video. May be used to fulfill the general distribution requirements for the humanities if not used for the majors. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 241. Offered: fall and spring semesters.

### **FMX 314 - Experimental Filmmaking (4)**

A studio production course that offers students a hands-on opportunity to explore experimental filmmaking in a combined theory and practice approach. Each student completes one or more short films relating to the history, theory and aesthetics of the experimental film. Technical instruction includes cinematography, camera operation, lighting, editing and sound. Class includes screenings and discussions on the history and theory of experimental cinema. May be used to fulfill the general distribution requirements for the humanities, if not in the majors. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 241 or FMX 313. Offered: fall and spring semesters.

### **FMX 315 - 3D Sculpting (4)**

An advanced studio production course that further develops skills in 3D printing skills with a focus in 3D sculpting. Applications in 3D sculpting will be studied in depth to create different types of highly detailed 3D models, from hard surface objects to fantastic creatures and characters. Industry standard software and techniques will be used during class. Retopology, exporting and portfolio/demo reel creation will also be a component of the course. Laboratory fee required. Prerequisite: FMX 217.

### **FMX 317 - 3D Animation II (4)**

A studio production course that investigates three-dimensional computer animation, including advanced techniques of modeling and animation. This course also includes necessary aspects of texture mapping, character rigging, motion control, animation principles, digital lighting, virtual camera principles, particle effects, dynamics and rendering. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 217.

### **FMX 320 - Animation for Interactivity and Games (4)**

An advanced studio production course that investigates and develops skills and knowledge in, 3D computer modeling for game graphics, game asset and animation clip development, coding for interactive content and game engines, and content for virtual and augmented reality. The course will also cover character rigging, surface texturing and digital lighting as it applies to games and interactivity. The integration of content into game engines and the distribution of content along with multiplayer experiences will be covered. Laboratory fee required.

Prerequisite: FMX 217.

#### **FMX 321 - Motion Capture (4)**

An advanced studio production course that investigates and develops skills in, simple script writing, directing, choreography, and animation in the area of motion capture for film, games, computer simulations, and interactive media. Computer character design and computer character rigging will be a component to facilitate original creative outcomes. This course offers the opportunity for students to offer professional services to the community in the form of motion capture data. It also seeks to prepare students to work with dancers, performers, athletes, and actors in their animation, VFX and game development careers. Laboratory fee required.

Prerequisite: FMX 217.

#### **FMX 322 - Visual Effects (4)**

A studio production course that introduces students to digital visual effects (VFX) for film, animation, new media and television. Through hands-on creative VFX assignments students will gain basic skills, including: compositing, keying, matchmoving, rotoscoping, camera projection and basic 3D animation. Students will learn how visual effects have evolved globally, and are used in the gamut of productions from cutting edge music videos to groundbreaking films and documentaries. Students will create portfolios of their own work through the exploration of contemporary VFX techniques used within the professional and independent industry. This course may be counted in the Humanities if not credited in the major. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 241.

#### **FMX 324 - Cinematography (4)**

A studio production course that covers the aesthetics and techniques of motion picture cinematography through hands-on demos and assignments. Instruction includes camera operation with in-class workshops utilizing Canon DSLR, RED Scarlet and Blackmagic cameras, inter-changeable lenses, filters, lighting, diffusion screens, car-mounts and support systems. Underwater cinematography, macro cinematography, time lapse, and other specialized techniques will be covered. Through this course students will creatively explore the principles of cinematography including, composition, exploring the X and Z axis, use of light,

color theory, depth of field, and more. Laboratory fee required.

Prerequisite: FMX 241.

#### **FMX 328 - Sound in Media (4)**

A studio production course that will encourage experimentation and innovation in sound design for motion pictures, animation, and new media. Instruction and assignments will include techniques in location and studio recording, audio post-production, including ADR, sound effects editing, and mixing that can be applied to a wide array of media - from films, to mobile applications, to audio installation. Laboratory fee required.

Prerequisite: FMX 241.

#### **FMX 331 - The Creative Triangle (4)**

A studio production course that explores the roles in the creative decision-making processes of the director, cinematographer and production designer. It emphasizes the technical, administrative and communication skills that provide the means for successful realization of drama, television, documentary and new media projects. The aim is to develop a wide range of skills necessary for effective performance in these roles in the context of complex creative collaboration. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: Any of the following: FMX 312, FMX 313, FMX 314. Offered: fall and spring semesters.

#### **FMX 338 - 2D Animation II (4)**

A studio production course that professionalizes the implementation and production of animation techniques, including the use of computers. Advanced projects deal with specific problems and exercises in drawing, storyboard and script/visual analysis. May not be used to satisfy general distribution requirements. Laboratory fee required.

Distribution: (HFA/ST). Prerequisite: FMX 238 or consent of instructor.

#### **FMX 339 - Game Design and Production (4)**

A studio production course in creative digital interactive game design and production. Each student will pitch a unique game concept, develop storyboards, prototypes, and layouts, explore user interfaces, interactivity and application architecture, and create the game through industry standard programming languages and mobile platforms. Classes will be comprised of hands-on workshops on UX/UI design concepts, software and coding, critiques of students works in-process, and the basic theory and history behind successful games. Laboratory fee required.

Prerequisite: FMX 310 Creative Coding or ITM 251 Application Development or COM 315 Web Design.

#### **FMX 340 - Screenwriting Development (4)**

Covers the elements of developing and writing scripts for feature films, animation projects, and other long form media, including character development, dialogue, and dramatic structure. This is a writing

intensive course, and may be used to fulfill the general distribution requirements for the humanities, if not used in the major.

Distribution: (A) (HFA) (W). Prerequisite: COM 226 or FMX 240.

#### **FMX 341 - Screenwriting Shorts (4)**

A writing intensive workshop course designed to generate and refine short-form script-writing for narrative filmmaking, animation, and other short-form narrative media. Students will analyze short narratives in cinema, literature, and other media, and explore structure, character, situational drama and conflict, and cinematic modes of the short form story on screen through workshops of original stories, revised screenplays, and stories adapted for screens from previously-written material. This is a writing intensive course, and may be used to fulfill the general distribution requirements for the humanities, if not used in the major.

Distribution: (A) (HFA) (W). Prerequisite: COM 226 or FMX 240.

#### **FMX 342 - Producing Motion Pictures and Digital Media (4)**

A studio production course that teaches producing of professional Hollywood style and independent episodic, serial, and long form, and/or interactive digital media productions. Students acquire skills in production budgets, package development, assignment of production roles, script breakdown, shooting schedules, call sheets, location permits, guilds and unions contracts, marketing and sales presentations and including distribution plans for potential projects. Relevant producing software is taught and utilized. Laboratory fee required

Prerequisite: FMX 240 or FMX 241, or consent of instructor. Offered: fall and spring semesters.

#### **FMX 343 - Advanced Post-Production (4)**

A studio production course that teaches advanced creative and technical possibilities of motion picture editing using the University's advanced digital editing facilities. May not be used to satisfy general distribution requirements. Laboratory fee required.

Prerequisite: FMX 241, or consent of the instructor. Offered: fall and spring semesters.

#### **FMX 350 - Virtual Production (4)**

Virtual Production focuses on the creation of films and immersive media using a LED Volume in combination with VR/XR game development engines, such as Epic Games Unreal Engine. Focusing on industry standards, this course will cover pre-visualization, development and post production of Virtual Production projects. The course will focus on script, props, virtual lighting, etc. to implement the best strategies to achieve a successful shoot on a LED volume. Laboratory fee required.

Prerequisite: FMX 217 or FMX 241.

#### **FMX 363 - Webisode Production and Distribution (4)**

A studio production course that introduces students to the necessary software, and methodology used for writing, shooting and editing the web series for distribution. Students will write a web series, shoot, edit, and distribute the pilot episode of their web series. May not be used to satisfy general distribution requirements. Laboratory fee required.

Distribution: (HFA/ST). Prerequisite: One of the following: FMX 240 and FMX 241 or consent of instructor.

#### **FMX 374 - Internship in FMX (1-4)**

Inquiry based on experience working in the related field. May be repeated for credit. Students gain experiential credit for working within the field in a variety of available positions.

Prerequisite: Sophomore standing or higher with GPA 3.0. Offered: each semester.

#### **FMX 381 - Digital Imaging (4)**

A studio production course that simultaneously explores digital based photography and digital manipulation of imagery. Relevant history, theory and aesthetics of related media are presented, along with discussions of the societal impact that digital imaging has introduced. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 210 or FMX 241.

#### **FMX 382 - Global Perspectives in Film and New Media (2,4)**

This unique course integrates a film, animation and new media seminar with a workshop component. It provides the opportunity for in-depth discussion and inquiry in to film, animation and new media in relationship to a variety of theoretical, cultural and historical topics covering artists, museums and exhibits world-wide. Students respond to course material through social media, blogs and personal research in digital format related to topics covered in the class. Varying subjects of study cover Europe, Asia, Oceania and the Americas.

Distribution: (IG) (HFA) .

#### **FMX 382A - Global Perspectives in Film and New Media Travel Course (2)**

This travel course is open to all students interested in learning and exploring historical movements and current trends in Film, Animation and New Media. Focusing on experiential learning, students will visit cities, museums, institutions and events that are relevant to the fields of Film, Interactive Media, Animation and New Technologies. Varying destinations include Europe, Asia, Oceania and the Americas.

Distribution: (IG) (HFA) (T). Prerequisite: FMX 382 Global Perspectives in Film and New Media.

#### **FMX 385 - Special Topics in FMX (4)**

A course offered at the discretion of the FMX department. Subject may focus on a topic of current



interest in the field, or topic that is of interest to a particular group of students. May be repeated for credit, if the topic is different.

#### **FMX 392 - Independent Study in FMX (1-4)**

Independent project developed under the guidance of a Film, Animation, and New Media Instructor. Students will apply by submitting a project proposal to an FMX professor for 1-4 credits. May be repeated for variable credits of 1-4 hours per course.

Prerequisite: Junior standing and minimum GPA of 3.0, and consent of instructor. Offered: fall and spring semesters.

#### **FMX 398 - Junior Portfolio Review (0)**

The Junior Portfolio Review is for students in one of the following: BFA in Film and Media Arts, BFA in Animation, BFA in Digital Arts, BFA in New Media, or BA in New Media Production programs only. The review of on-line portfolios developed within the Professional Seminar, will be made by at least two FMX faculty members, and / or guest evaluators. It is a zero-credit course taken concurrent with Professional Seminar, during the second semester sophomore year (after completing 44 credits, before 60 credit hours in the major). The review provides feedback and identifies areas of improvement.

Distribution: (HFA). Prerequisite: Prerequisite or Co-requisite: FMX 298. Earned 44 credits, or more. Or permission of instructor. Offered: fall and spring semesters.

#### **FMX 410 - Special Topics in Digital and New Media (1-6)**

A studio production course that allows faculty and/or professionally oriented students to intensively explore topics in digital & new media. May be repeated for additional credit, with a maximum of 6 credits total.

Distribution: (A)(HFA/ST). Prerequisite: Consent of instructor.

#### **FMX 417 - Special Topics in Animation (1-6)**

A studio production course that allows faculty and/or professionally oriented students to select and intensively explore topics in animation. May be repeated for additional credit, with a maximum of 6 credits total.

Distribution: (A)(HFA/ST). Prerequisite: Consent of instructor.

#### **FMX 430 - Spatial Computing (4)**

This studio production course offers a hands-on approach to exploring the methods through which humans communicate with computers and interact with physical and virtual spaces. Students will create works that explore self-expression and interaction with analog and virtual interfaces, in tangible, digital, or expanded realities. Laboratory fee required.

Distribution: (HFA/ST). Prerequisite: FMX 310, or permission of the instructor.

#### **FMX 440 - Screenwriting Features (4)**

Screenwriting Features will deepen students' understanding of the craft of screenwriting by deep analysis of structure and form of feature screenplays and other long-form screenwriting, and by planning and executing a narrative feature length screenplay. This is a writing intensive course, and may be used to fulfill the general distribution requirements for the humanities, if not used in the major.

Distribution: (A) (HFA) (W). Prerequisite: FMX 340.

#### **FMX 460 - Senior Seminar in Film and Digital Production (4)**

A studio production capstone course for seniors to complete a thesis film production as the requirement for graduation in the film and media arts degree programs. Pre-production and production of the senior thesis project will be completed by the end of the semester. Students pursue production projects of sufficient breadth and depth as to crystallize their experiences at the University. Should be taken two semesters prior to graduation (fall semester, for spring graduation; spring semester for fall graduation). Laboratory fee required.

Prerequisite: Senior standing in the Film and Media Arts major and any one of the following: FMX 312, FMX 313, or FMX 314, or consent of instructor. Offered: fall and spring semester.

#### **FMX 463 - Multimedia Installation (4)**

A studio production course that introduces students to contemporary multimedia installation through both the study of the cutting-edge practitioners within the field and through the production of related projects. Modes of production covered include digital video projection, audio installation, mixed, virtual and augmented reality, and hybrid combinations of the above. Laboratory fee required.

Distribution: (A) (HFA/ST). Prerequisite: FMX 241 or permission of the instructor.

#### **FMX 492 - Independent Study in FMX (1-4)**

Independent project developed under the guidance of a Film, Animation and New Media instructor. Students will apply by submitting a project proposal to a FMX professor for 1-4 credits. May be repeated for variable credits of 1-4 hours per course.

Prerequisite: Senior standing and minimum GPA of 3.0, or consent of instructor. Offered: fall and spring semester.

#### **FMX 499 - Senior Project in FMX (4)**

A studio production mandatory capstone course for Animation or New Media majors. Each student will create a creative thesis project in their major area that demonstrates the depth and breadth of their learning, leading to exhibition of this work. This course is required to be taken in students' final semester in the program, and that they exhibit and present their thesis work during the scheduled showcase. Laboratory fee required.

Distribution: (A)(HFA/ST). Prerequisite: FMX 398 and senior standing in Animation or New Media major, after completion of 106 credits, or consent of instructor. Offered: fall and spring semester.

## **FRE - French**

### **FRE 101 - Elementary French I (4)**

Beginning French with an emphasis on French culture, as well as understanding and speaking French in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of French. This course is only open to students who have successfully completed one year of French or less in secondary school, within the previous eight years, and no university French. Students cannot take FRE 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

### **FRE 102 - Elementary French II (4)**

Beginning French with an emphasis on French culture, as well as understanding and speaking French in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of French. FRE 101 (or equivalent skills) is a prerequisite for FRE 102. May be taken after FRE 105 with instructor permission. Students cannot take FRE 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

### **FRE 105 - Elementary French Review (4)**

Review of French for students who have studied the language in high school for at least two years. Emphasis on accelerated grammar and on speaking. Listening comprehension, reading and writing are included.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of French. May not be taken after FRE 101. Students cannot take FRE 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

### **FRE 151 - Topics in French (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

### **FRE 201 - Intermediate French I (4)**

Not open to native speakers. Develops a greater understanding of French culture and everyday French, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of French. FRE 102 or/and FRE 105, three or more years of high school French, or equivalent skills required for FRE 201. Students cannot take FRE 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

### **FRE 202 - Intermediate French II (4)**

Not open to native speakers. Develops a greater understanding of French culture and everyday French, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of French. FRE 201 or equivalent skills required for FRE 202. Students cannot take FRE 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

### **FRE 251 - Topics in French (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

### **FRE 271 - UT in Paris (4)**

The students will study the history of France through the development of Paris throughout the centuries. The city will be presented in a chronological fashion, by studying its monuments and lesser-known landmarks (these are oftentimes archaeological remains Parisians walk by every day without noticing them). These landmarks will be discussed in class and visited in Paris.

Emphasis will be put on how Parisians interact with their history every day, framing their mindset in the process. Students will be able to experience these interactions in Paris and therefore better comprehend the French way of life. The course will be conducted entirely in French.

Prerequisite: FRE 202 or equivalent skills.

### **FRE 300 - Advanced French I (4)**

Emphases in Advanced French I are on oral expression, reading and vocabulary building.

Distribution: (HFA) (IG). Prerequisite: Not open to students who received their secondary education in the French language. FRE 202 or equivalent, or four or more years of high school French or equivalent skills.

### **FRE 301 - Advanced French II (4)**

Emphases in Advanced French II are on writing, vocabulary building and grammar.

Distribution: (HFA) (IG). Prerequisite: Not open to students who received their secondary education in the French language. FRE 202 or equivalent, or four or more years of high school French or equivalent skills.

### **FRE 308 - French Pop Culture (4)**

This course explores the current state of French pop culture by studying various pieces including novels, comic books, television shows, songs and films.

Distribution: (HFA). Prerequisite: FRE 202 or equivalent skills.

### **FRE 310 - Diplomatic French (4)**

This course is designed to give students a working knowledge of French in a diplomatic setting. Emphasis is made on writing, as well as listening and speaking skills through the use of specialized vocabulary, simulations and paired activities.

Distribution: (IG). Prerequisite: FRE 202 or equivalent skills.

**FRE 311 - Commercial French (4)**

This course is designed to give students a working knowledge of French in a business setting. It provides a basis from which students will learn about culturally appropriate business practices in France and in the Francophone world.

Distribution: (HFA) (IG). Prerequisite: FRE 202 or equivalent skills. Offered: every third year, fall semester.

**FRE 320 - French Cinema (4)**

A broad survey of French cinema from the silent era through the present covering the history and evolution of French filmmaking through the viewing and analysis of its masterworks.

Distribution: (A) (HFA) (IG) . Prerequisite: FRE 202 or equivalent, or four or more years of high school French, or equivalent skills.

**FRE 322 - Literature of the Francophonie (4)**

An introduction to the literature of La Francophonie through the close reading of texts by authors from Canada, Africa and the Antilles.

Distribution: (HFA). Prerequisite: FRE 202 or equivalent skills.

**FRE 331 - Introduction to French Literature (4)**

A reading and discussion of selections by master writers of French literature.

Distribution: (A) (HFA) . Prerequisite: FRE 202 or equivalent skills.

**FRE 332 - The French Language in Contact (4)**

An examination of the evolution of the French language in the Hexagone and in the French diaspora (North America, Africa, Haiti, etc). In particular the themes of regional and social variation, standardization and bilingualism will be explored.

Distribution: (HFA). Prerequisite: FRE 202 or equivalent skills.

**FRE 351 - Topics in French (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

**FRE 371 - UT in Paris (4)**

The students will study the history of France through the development of Paris throughout the centuries. The city will be presented in a chronological fashion, by studying its monuments and lesser-known landmarks (these are oftentimes archaeological remains Parisians walk by every day without noticing them). These landmarks will be discussed in class and visited in Paris.

Emphasis will be put on how Parisians interact with their history every day, framing their mindset in the process. Students will be able to experience these interactions in Paris and therefore better comprehend the French way of life.

Prerequisite: FRE 202 or equivalent skills .

**FRE 421 - French Culture and Civilization (4)**

An integrated picture of the political, economic, social, geographical and cultural forces that have shaped France and the Francophone world.

Distribution: (HFA) (IG). Prerequisite: One 300-level French course or equivalent skills.

**FRE 451 - Topics in French (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

**FRT - French Literature in English Translation****FRT 250 - French Literature in English Translation (4)**

A study of great themes and values expressed by selected authors and movements in French literature. Course and readings are in English.

Distribution: (A) (HFA) . Offered: occasionally.

**FSC - Forensic Science****FSC 130 - Survey of Forensic Sciences (3)**

The goal of this course is to introduce students to the most common disciplines in forensic science topics in forensic science that will be covered in more depth in higher-level courses. Topics may include: legal underpinnings of forensic science, crime scene investigation, fingerprints/fingerprints, firearms evidence, trace evidence (glass, fibers, and hair), seized drugs, forensic toxicology, forensic pathology, forensic serology, forensic DNA analysis, ignitable liquids, and explosives. Expert forensic practitioners will act as guest lecturers in their respective disciplines. Lecture only. For FSC majors only.

Offered: spring.

**FSC 230 - Fire Debris and Firearms (3)**

An introduction to the principles of and forensic evidence relevant to arson, explosives, and firearms. The first half of the course focuses on the science of fire and explosives as well as methods for the analysis of relevant evidence. The second half of the course provides the principles of firearms and methods used for characterization of firearms evidence.

Prerequisite: FSC 130, CHE 154 and CHE 155L (all with a grade of "C" or better) . Offered: fall.

**FSC 340 - Microscopic Examination of Firearms Evidence (3)**

This course is designed to provide hands-on experience in firearms evidence examination, with a focus on microscopic methods. The course will explore common types of firearms evidence such as cartridge casings, bullets, bullet fragments, shot pellets, and gunshot residues. Students will compare fired bullets and cartridges with unknown samples, primarily using comparison microscopy.

Prerequisite: FSC 230. Offered: spring.

**FSC 461 - Forensic Science Seminar (3)**

Provides experience in reviewing the scientific literature, scientific writing, and presentation. The products of the course are a manuscript and presentation reviewing the scientific literature in a topic of forensic science. The course culminates in students presenting their work for the faculty and/or forensic practitioners.

Prerequisite: FSC 130, CHE 234, CHE 235L, and CHE 310 (each with a grade of "C" or better). . Offered: spring.

**GEO - Geography****GEO 102 - World Regional Geography (4)**

This course provides an overview of the landforms, climate, ecology, populations, economy, politics, and cultures of the regions of the world. Through attention to particular regions and their inter-relations, we will examine global issues such as development, migration, inequality, urbanization, nationalism, conflict, trade, and climate change.

Distribution: (IG) (NW) (SS) . Offered: fall semester.

**GEO 205 - Principles of Resource Utilization (4)**

This course examines theories, conflicts, and crises in global natural resource utilization. We will explore the causes of looming social and ecological threats and opportunities in areas such as global warming, food security, water wars, pollution, biodiversity, inequality, and development. We will evaluate debates over population and scarcity, commodities and institutions, environmental ethics, political economy, and socio-ecological change, and use them to inform our understandings of the promises and pitfalls of proposed personal, cultural, economic, and political solutions to resource dilemmas.

Distribution: (SS) (W).

**GEO 207 - Economic Geography (4)**

Why are some areas wealthy and some areas poor? Why do particular kinds of economic activities cluster in regions like Silicon Valley, Wall Street, and China's Pearl River Delta? How do landscape, politics, and culture shape economic fortunes? There are spatial-geographic dimensions to all global economic activities: resource extraction, production, work, logistics, consumption, finance, debt, technological innovation, migration, and social reproduction. Considering geographic scales from the household division of labor up through global commodity chains, we'll explore the historical development, current dilemmas, and future directions of the world economy— with an eye towards crucial questions of growth, sustainability, and justice.

Distribution: (IG) (SS) (W).

**GEO 235 - GIS Mapping for the Social Sciences (4)**

This course presents the fundamentals of Geographic Information Systems (GIS). Students will learn how to design and create digital maps and will master the basic techniques of spatial analysis. We will use maps and

other GIS tools to uncover the hidden geo-spatial relationships that shape the world around us. Through lectures, discussion and hands-on exercises and projects, the course will explore the many applications of GIS in the social sciences and environmental sciences as well as in the humanities, public policy and urban affairs.

Distribution: (SS). Offered: fall and spring semesters.

**GEO 240 - Cultural Geography (4)**

How are our identities, cultures and social relationships shaped by the physical world around us? How, in turn, do our cultural patterns come to shape our natural and built environments? This course provides an overview of cultural geography. It covers the basics as well as new developments in cultural geographic theory. The main aim is to understand relationships between cultures and environments through geographical analyses of social processes, landscapes, cultural meanings, place-making and identities. We will examine questions of power, performance, diffusion, diversity, hybridity, homogenization, hegemony, conflict, expression and resistance through case studies of local, regional and global spatial-cultural dynamics.

Distribution: (IG) (SS).

**GEO 250 - Urban Geography: Cities in Global Context (4)**

How do cities grow and change? What environmental, economic, social, and political forces bring them into being? Why are they the source of so much of the world's economic and cultural dynamism and at the same time the site of so much dysfunction and conflict? In this course we will use writing to investigate the geographic contours of key urban challenges such as economic development, segregation, inequality, housing, slum growth, gentrification, environmental justice, violence, downsizing, and urban sprawl. We will wrestle with the opportunities and constraints facing urban reformers and city planners, and explore visions of urban social justice and sustainability.

Distribution: (IG) (SS) (W).

**GEO 401 - Field Work (1-4)**

This course involves practical work in placements with organizations such as non-profits, businesses, government agencies, museums, or archives. Requires permission of the History Department Chair. Graded on a satisfactory/unsatisfactory basis. This course counts towards the Geography Minor.

Prerequisite: one GEO course.

**GER - German****GER 101 - Elementary German I (4)**

Not open to native speakers. Beginning German with an emphasis on German culture, as well as understanding and speaking German in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of German. This course is only open to students who have successfully completed one year or less of German in secondary school within the previous eight years, and no university German. Students cannot take GER 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **GER 102 - Elementary German II (4)**

Not open to native speakers. Beginning German with an emphasis on German culture, as well as understanding and speaking German in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: GER 101 (or equivalent skills). Not open to native speakers of German. Students cannot take GER 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **GER 201 - Intermediate German I (4)**

Not open to native speakers. Develops a greater understanding of German culture and everyday German, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: GER 102 (or equivalent skills). Not open to native speakers of German. Students cannot take GER 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **GER 202 - Intermediate German II (4)**

Not open to native speakers. Develops a greater understanding of German culture and everyday German, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: GER 201 or equivalent skills required. Not open to native speakers of German. Students cannot take GER 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **GER 251 - Topics in German (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **GER 351 - Topics in German (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

## **GIS - Global Issues**

#### **GIS 099 - Certificate in International Studies (0)**

Participation in the CIS program is tracked through official enrollment in GIS 099-1 each semester. This course is conducted on a Satisfactory/Unsatisfactory (S/U) basis. Final grades in GIS 099 each semester depend on the successful completion of the CIS program requirements as outlined in the catalog.

#### **GIS 499 - Global Senior Capstone (0-1)**

The Global Senior Capstone Course is graded and serves to integrate and synthesize all the international/intercultural experiences of students enrolled in the Certificate of International Studies. This course is reflection/based, and will serve to focus upon

the transformative aspects of the student's entire CIS experience. (i.e. achieving intermediate level proficiency in a second language, completing 12-16 credit hours of courses with substantive global dimensions, experiencing education-abroad, participating in international activities and events and assembling a portfolio.) In this course, students will present their assembled and completed portfolios and the student and CIS advisor will link the content to an appropriate career strategy for the student.

## **HIS - History**

#### **HIS 102 - World History to 1500 (4)**

This course examines topics from the Paleolithic Era to the dawn of the Age of Globalization, including: early foraging, pastoral, and agricultural societies; the emergence of urban societies in Eurasia, Africa, and the Americas; trade and cultural transmission; concepts of gender; technological transfers; and the emergence of transcontinental and global interconnections through the Saharan trade, the Pax Mongolica, and Malay, Chinese and Iberian ocean explorations. Equally importantly, the course introduces students to the methods of the historian, involving critical thinking, the analysis of source texts, and the use of evidence to address historical questions.

Distribution: (IG) (NW) (SS). Offered: fall and spring semesters.

#### **HIS 103 - World History from 1500 to the Present (4)**

This course examines topics from the 16th through 20th centuries, including: state-building, commerce, and society in Eurasia and Africa; the creation and integration of the Atlantic World; new ideologies; industrial revolutions; changing conceptions of gender, class, race, ethnicity, and nation; political revolutions, genocides, and wars; imperialism and decolonization; and the global impact of the Cold War. Equally importantly, the course engages students in the methods of the historian, involving critical thinking, the analysis of source texts, and the use of evidence to address historical questions.

Distribution: (IG) (NW) (SS). Offered: fall and spring semesters.

#### **HIS 122 - The United States to 1877 (4)**

Surveys the cultural, political, social and economic developments in this country from the discovery of America through Reconstruction.

Distribution: (SS).

#### **HIS 123 - The United States Since 1877 (4)**

Surveys the urbanization and industrialization of the nation and its rise to world power.

Distribution: (SS).

#### **HIS 128 - History of the Islamic World (4)**

A study of Muslims in world history from the 7th to the 21st centuries. This course explores the history of

Islamic societies and of Muslims in local and global contexts, including the Middle East, Africa, Central and South Asia, and the West. The course addresses selected topics such as politics and statecraft; religious and cultural traditions and varieties; gender roles; and the challenges and choices that Muslim societies and individuals have faced in classical, early modern, and modern times. Materials include film, fiction and political writing as well as primary historical documents and secondary history textbooks.

Distribution: (IG) (NW) (SS).

#### **HIS 201 - The Historian's Craft (4)**

This course introduces undergraduate majors and minors to the exercise of thinking, researching and writing historically, focusing on the technical, methodological and theoretical skills that guide professional practice in diverse settings: museums, archives, secondary education and universities. Students will learn how to distinguish between evidence and interpretation and how to assess different kinds of evidence. Class meetings will sample representative fields, approaches and primary sources to provide the foundations for independent research in the capstone course.

Distribution: (SS). Prerequisite: History Major or Minor.

#### **HIS 204 - Twentieth Century Europe (4)**

European History in the 1900s.

Distribution: (IG) (SS).

#### **HIS 205 - Native American Histories: Colonialism and Resistance (4)**

A survey of the history of Native Americans in the Caribbean, North America, and South America from the pre-Columbian period through the twentieth century. By focusing comparatively on the themes of colonialism and resistance over five centuries, students will study the range of tactics that Native Americans have adopted to create and preserve their communities, cultures, and sovereignty since 1492.

Distribution: (IG) (NW) (SS).

#### **HIS 206 - Slavery and Racism in the Early Americas: A Comparative Perspective (4)**

A study of the development of slavery and relations between European Americans and African Americans in British, Spanish, and Portuguese America from the beginning of European settlement in the New World until the abolition of slavery in the mid-19th century.

Distribution: (IG) (NW) (SS). Offered: spring semester.

#### **HIS 212 - Witchcraft and Magic in the Early Modern Atlantic World (4)**

A study of the development of witchcraft accusations, beginning with continental Europe in the 15th and 16th centuries and continuing with the later scares in England and New England. Particular emphasis will be given to international comparisons and to the changing social, cultural and economic positions of women.

Distribution: (IG) (SS). Offered: fall semester.

#### **HIS 215 - Women in American History (4)**

A survey of women's accomplishments, lifestyles, changing image and struggle for equality and recognition from colonial times to the present.

Distribution: (SS) (W).

#### **HIS 217 - China's Centuries of War and Revolution: since 1800 (4)**

Napoleon Bonaparte said: "China is a sleeping giant. Let her sleep, for when she wakes she will move the world." This course will explore how prophetic his words were by exploring China's often torturous search for modernity. It surveys the interplay between China and the outside world from before the Opium War through the collapse of two millennia of dynastic rule, the rise of the Communist movement, decades of Japanese aggression, the Maoist years of almost constant revolution, and its gradual transition to a socialist-style entrepreneurial state, and its emergence on the world stage as a major power.

Distribution: (IG) (NW) (SS) (W). Prerequisite: AWR 201.

#### **HIS 219 - Mistaken Identities: Myths and Realities of the New World Encounter (4)**

The term "discovery" is an ambivalent and charged word when discussing the arrival, military occupation and colonization of the Americas during the late 15th and 16th centuries. Who discovered whom in 1492 and what were the economic, demographic, ecological, political and cultural consequences brought about by the New World/Old World encounter? How were Europe and the Americas transformed by this seminal event, and how were the foundations of modern Latin America (and modern Western civilization) laid during this fascinating period? These questions and many others will be studied and analyzed through exposure to the primary texts and artifacts of that era, in an attempt to understand the Spanish and Indigenous mindset on the eve of conquest and their mutual transformation throughout the 16th century, when a New World — a world still in formation — was born.

Distribution: (IG) (NW) (W).

#### **HIS 220 - Introduction to African History (4)**

An exploration of the history of Africa from the rise of the great Sahel empires to the struggle for independence from European imperialism, with an emphasis on the period from 1500 to 1975. Major topics include the role of Islam, colonialism, nationalist movements, Pan-Africanism, decolonization and the challenges facing newly independent states and societies.

Distribution: (IG) (NW) (SS).

#### **HIS 221 - Japan's Modern Centuries (4)**

This course surveys Japanese history from the coming of the Western gunboats in the 1850s through the Meiji restoration, the early development of

international trade and democracy, the rise of militarism in the 1930s, World War II, the American Occupation, the economic "miracle" and the troubled 2000s.

Distribution: (IG) (NW) (SS) (W).

#### **HIS 225 - The Age of the Civil War (4)**

A study of mid-19th century America, with particular emphases on the political developments, changing regional economies, patterns of interracial, interethnic and interclass relationships, as well as the course of military events during the Civil War.

Distribution: (SS).

#### **HIS 227 - China and the World to 1800 (4)**

China is frequently represented as a monolithic civilization, ethnocentric, and static in pre-modern times. This course challenges those stereotypes. It is a descriptive and analytical survey of China's dynamic history from its historical origins in the 2nd millennium to 1800. It focuses on the evolution of the state, emphasizing cultural and political interactions with both neighboring and more distant societies. It further examines how China's civilization influenced the emergence of the East Asian family of nations. This is a writing intensive course in which writing is a mode of learning and written assignments are a substantial part of the course grade.

Distribution: (IG) (NW) (SS).

#### **HIS 228 - Traditional Japan (4)**

This course examines the history of Japan from its pre-historical origins until the rise of modern Japan in the mid-nineteenth century. Special focus is given to indigenous Japanese beliefs, the influence of Chinese political and social values on Japanese life, Buddhist religious culture, the military ethos of the samurai, and the material cultural and artistic achievements of the Tokugawa period. In addition to a conventional textbook, literature and film are used to immerse students in the worldviews of traditional Japan. Group work and collaborative learning is emphasized.

Distribution: (NW) (SS).

#### **HIS 229 - History of Sexuality (4)**

This course surveys major trends and turning points in the history of sexuality since 1500. We will examine the governing regimes (legal, religious, medical, etc.) that defined sexual behavior and reproductive practices in mainland North America, paying particular attention to the changing relationship between sexual regulation and politics over time. The course will also explore the ways that official pronouncements differed from the actual practices and perceptions of ordinary woman and men. We will ask how factors such as race and ethnicity, class, and gender shaped sexual understandings and behavior.

Distribution: (SS). Offered: spring semester.

#### **HIS 236 - Latin America (4)**

A study of Latin American history from the colonial period to the present.

Distribution: (IG) (NW) (SS). Offered: fall semester.

#### **HIS 256 - The Era of World War I (4)**

The course traces the diplomatic and economic events leading to the outbreak of war in 1914 and follows the progress of the war, revolution and peace.

Distribution: (IG) (SS).

#### **HIS 257 - The Era of World War II (4)**

The course traces the political, economic, social and diplomatic events leading to the outbreak of hostilities and the military and diplomatic aspects of the war itself. It concludes with the Nuremberg Trials.

Distribution: (IG) (SS).

#### **HIS 260 - The Holocaust (4)**

This course covers the persecution and systematic extermination of Jews, Romany, Slavs and other targeted populations of Europe by the Nazis and their collaborators. The course will explore antisemitism in modern European history, the ways in which antisemitism was legalized in Nazi Germany and the consequences of those policies in Nazi-occupied Europe.

Distribution: (IG) (SS) (W). Offered: spring semester.

#### **HIS 266 - Coming to America: The Immigrant Experience in History, Fiction and Film (4)**

The stories of immigration to America by peoples from Asia, Europe and Latin America — whether in history, fiction or film — examine the motives for leaving homeland and family, the experience of newcomers and the process of assimilation into an evolving American culture over time. While the stories have similarities in outline, there are significant cultural differences for each people. This course will examine the immigrant experience of the Chinese, the Jews and the Mexicans, using a major work of history, a novel and three films for each group.

Distribution: (SS).

#### **HIS 269 - Paris in the 1920s: The Cultural Impact of the Great War (4)**

In the 1920s, Paris became the center of an avant garde artistic and cultural community that demonstrated the profound impact of World War I, and has, in turn, shaped art and culture to the present. This course uses period poetry and fiction, memoir, biography and film to evoke the lives and contributions of select iconic figures: poets Ezra Pound and T.S. Eliot; writers Ernest Hemingway, F. Scott Fitzgerald and Gertrude Stein; painters Pablo Picasso and Salvador Dali; composer Igor Stravinsky, dancer Vaslav Nijinsky and producer Sergei Diaghilev of the Ballet Russes; fashion entrepreneur Coco Chanel; and jazz sensation Josephine Baker.

Distribution: (IG) (SS).

#### **HIS 270 - Hitler and Stalin (4)**

This course will weave together the biographies of the two most important revolutionaries of the twentieth century with an examination of the societies

that they sought to create. We will try to understand what motivated Hitler and Stalin, how they seized and held power, and how they tried to impose their wills on Europe and the world.

Distribution: (SS).

#### **HIS 275 - The Civil Rights Movement (4)**

This course focuses on the struggle for racial equality and freedom in the American South after World War II. It also helps students comprehend this struggle within the broader context of post-Civil War American race relations.

Distribution: (SS). Offered: fall semester.

#### **HIS 285 - America in the 1960s (4)**

This course covers the Bay of Pigs invasion and the Cuban missile crisis, the war in Vietnam, the concern about nuclear warfare, the civil rights movement, and the student movement of the late 1960s.

Distribution: (SS).

#### **HIS 290 - Special Studies (2-4)**

Special courses are offered each year.

Distribution: (SS).

#### **HIS 300 - The Modern Middle East and North Africa (4)**

This course examines the Modern Middle East and North Africa from the 1500's to the era of modern revolutions and recent conflicts.

Distribution: (IG) (NW) (SS). Prerequisite: One prior HIS course.

#### **HIS 302 - Revolutionary Europe 1712 to 1919 (4)**

Revolutionary thought and action in Europe from the birth of Jean-Jacques Rousseau to the death of Rosa Luxemburg. This course examines revolutionary ideas, groups, and individuals, from the French Revolution to the Russian Revolution and post-WWI Europe. Students will develop their abilities to write essays analyzing the ideas of the women and men who shaped Europe in the revolutionary era.

Distribution: (IG) (SS) (W). Prerequisite: Any two HIS courses, including one of the following: HIS 102, HIS 103, HIS 122, HIS 123. Offered: spring semester.

#### **HIS 304 - History of Florida (4)**

The objectives of this course are to develop historical analysis beyond the level of the lower-division survey and to introduce students to experiential learning within the arena of local history practice. Students should master the historiography that structures the study of Florida's past, gaining an awareness of how, over time, political history, social history, spatial theory and transnational studies have altered state history. Student research topics will be drawn from local history sources and celebrations, encouraging community engagement as well as independent analysis.

Distribution: (SS).

#### **HIS 305 - The Ancient World (4)**

HIS 305 surveys the political, social, economic, and cultural development of the ancient Near East and Mediterranean world from the prehistory to the fall of the Roman Empires. Students will learn about the rise and fall of ancient and classical civilizations, their political and social institutions, their economic and trade practices, their religions and cultural traditions. Readings will be extensive and include text, scholarly articles, primary sources, art and archeology. This is a writing intensive class and students will be expected to produce papers in style of historical writing.

Distribution: (IG) (SS) (W). Prerequisite: One History course.

#### **HIS 306 - The Middle Ages (4)**

A study of European society from the fall of Rome to the Renaissance.

Distribution: (SS).

#### **HIS 308 - Renaissance and Reformation (4)**

A study of the origins, progress, interrelationships and impact of new forms and ideas that characterized the Renaissance and the Reformation in Europe from 1400 to 1650.

Distribution: (SS).

#### **HIS 317 - China's Revolutionary Twentieth Century (4)**

This course examines China's revolutionary century with a particular emphasis on four definitive events: the Boxer Rebellion (1900), the Communist revolution (1934-1949), the Cultural Revolution (1966-1976) and the 1989 Democracy Movement. It explores both the cause and course of these revolutions, how they become embedded in cultural memory and the ways in which they shaped state-society power relationships.

Distribution: (NW) (SS) (W).

#### **HIS 320 - Museums, Historic Sites and Archives (4)**

This course offers an introduction to the methods and approaches that structure the presentation of history in public venues, including museums, historic venues and archives. Tools that facilitate collaboration between historians and communities to preserve local memory will also be examined. Finally, we will explore critically the political, financial and professional pressures that have shaped some of the most prominent displays of the nation's past as well as the pressures that structure representations of history in Tampa. Students will attempt to reconcile these concerns by crafting exhibition proposals that would allow a local museum to engage multiple history publics.

Distribution: (SS). Offered: spring semester.

#### **HIS 321 - Revolutionary America (4)**

A study of the history of the United States before, during and after the Revolutionary War. Focuses on the role of ideology and the patterns of change in religion, racial relations and the status of women.

Distribution: (SS) (W).



**HIS 322 - Spanish Caribbean and its Diasporas (4)**

This course surveys the Spanish-speaking Caribbean (Cuba, Puerto Rico and the Dominican Republic) from the Taino world of the pre-Columbian period to today. Topics include the creation of colonial plantation societies and the rise of sugar and coffee economies; movements for abolition, reform, and national self-determination; the persistence of Caribbean borderlands in the U.S. Gulf South; the Caribbean's neo-imperial economies, social structures, and political institutions; the impact of the Cuban Revolution; and the Caribbean's tourist trade and diasporas in the global economy.

Distribution: (IG) (NW) (SS). Offered: spring semester.

**HIS 323 - Age of Revolutions in the Americas (4)**

A comparative study of the revolutions and independence movements that swept the Americas between 1776 and 1826, focusing on the American, Haitian, and Latin American Revolutions. Topics include the political, economic, social, and cultural changes experienced by white, black, and indigenous Americans.

Distribution: (IG) (NW) (SS). Prerequisite: One History course.

**HIS 326 - The History of U.S. Foreign Relations (4)**

Studies the formulation of American foreign policy and issues in American diplomatic history.

Distribution: (IG) (SS) (W).

**HIS 332 - Imperialism and Nationalism in Asia and Africa (4)**

This course examines the British rule in India as a case study of how imperial rule is imposed and maintained, and the Indian independence movement as a model of colonial resistance. It then examines the different imperial systems imposed on Africa, the struggle by African colonies for self-determination, and their search for identity and stability after independence.

Distribution: (IG) (NW) (SS) (W). Prerequisite: AWR 201.

**HIS 335 - U.S. Constitutional History (4)**

This class broadly surveys the chronological span of U.S. Constitutional history, from the 18th century to the 1970s, studying Supreme Court decisions and dissenting opinions as primary documents that can be used to understand the past. Students will determine how relationships between people and legal regimes changed over time, and they will assess the ways that specific political, economic, social and cultural contexts affected the development of American constitutional thought, the role of the Supreme Court and the evolving relations between law and society.

Distribution: (SS). Prerequisite: One History survey course (HIS 102, HIS 103, HIS 122 or HIS 123). Offered: fall semester.

**HIS 400 - History Capstone Research Seminar (4)**

This course represents the culmination of the History major. With the guidance of the instructor, students consider historiographical and methodological models and carry out a complete research project related to a common theme or body of source material. This course is normally taken in the Senior year.

Distribution: (SS). Prerequisite: HIS 201 and one HIS course numbered 300 or above. Offered: annually.

**HIS 401 - Field Work (4)**

Involves practical work in museums, historical preservation and historical archives. Requires permission of area coordinator. Graded on a pass/fail basis. This course counts as a history major elective.

Distribution: (SS). Offered: fall and spring semesters.

**HIS 402 - Natural and Unnatural Disasters in Modern World History (4)**

This course investigates the impact of catastrophes — earthquakes, epidemics, hurricanes, fires, accidents — on society, politics and culture in Europe, Asia, Africa and the Americas since 1624. Natural disasters often transform relations between nations and among social groups, while revealing social conditions and cultural attitudes kept hidden under normal circumstances. Natural disasters can create the conditions for revolutions, lead to wars over scarce resources, provide pretexts for imperial intrusions and expose the inequalities and tensions in society. Students will develop their knowledge of world history and disaster studies by reading and writing about selected case studies.

Distribution: (IG) (SS) (W). Prerequisite: Any two History courses.

**HIS 450 - Independent Study (2-4)**

Involves guided readings, research and criticism. Materials covered must be different from those included in current courses. May be repeated for credit if subject matter varies.

Distribution: (SS). Prerequisite: Minimum 3.0 GPA, 12 hours of history. Independent studies must be taken under the direction of a full-time HIS professor. Subject matter must be determined through student-faculty consultation.

**HIS 451 - Senior Thesis (4)**

A substantial research and writing project. The subject matter must be determined through student-faculty consultation. A senior thesis can be written under the guidance of any full-time professor in the HIS department.

Distribution: (SS). Prerequisite: Senior standing, minimum 3.0 GPA. Offered: fall and spring semesters.

**HIS 460 - Advanced Special Topics (4)**

Advanced study of a selected historical topic. This course will count toward the upper-level requirement for the History major, and, depending on the topic, may fulfill other requirements, with approval of the Associate Chair for History, Sociology, Geography and

Legal Studies. May be repeated for credit if the topic differs.

Distribution: (SS).

## HON - Honors

### HON 101 - Pathways to Honors 1 (1)

Introduces the student to the Honors Program; students learn the expectations and commitments that come with participation in Honors. Each course is uniquely connected to the scholarship of the faculty member teaching the course. Students are also introduced to the Honors Symposia series. Graded.

Offered: fall semester.

### HON 102 - Pathways to Honors 2 (1)

Introduces the student to the philosophical underpinnings of the Honors Program and begins developing the skills necessary to complete the Honors Program. Encourages students to explore Honors Program offerings and to continue their pursuit of experiential learning and undergraduate inquiry. Graded.

Offered: spring semester.

### HON 220 - Where Have We Been? (4)

In this one-semester course, students explore the past by studying the foundations and development of various cultures' sociopolitical, scientific, and historiographical foundational ideas from the dawning of time to the 20th century.

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 230 - Where Are We Now? (4)

In this one-semester course, students explore the present by studying the foundations and development of various cultures' sociopolitical and scientific foundational ideas in the 20th and 21st centuries.

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 240 - Where Are We Going? (4)

In this one-semester, team-taught course, students will explore the future by studying cutting-edge thought innovations shaping tomorrow's world.

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 250 - Topics in Honors (4)

An introductory study of topics ranging in scope and content for Honors students. May be repeated if the content varies.

Prerequisite: AWR 101.

### HON 253 - Idea Lab: Health Science/Natural Science (4)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry to

approach problems in either Health Science or Natural Science that present themselves locally (in Tampa Bay) or globally (in society).

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 255 - Idea Lab: Humanities/Fine Arts (4)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry to approach problems in Humanities/Fine Arts that present themselves locally (in Tampa Bay) or globally (in society).

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 257 - Idea Lab: Social Science (4)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry to approach problems in Social Science that present themselves locally (in Tampa Bay) or globally (in society).

Prerequisite: AWR 101, HON 101, HON 102; Honors students only. Corequisite: AWR 201.

### HON 350 - Topics in Honors (4)

This is a special topics course at the 300 level. This course represents an advanced study of a topic or topics ranging in scope and content.

Prerequisite: AWR 101.

### HON 490 - Honors Thesis (1-10)

The Honors Thesis is a culminating project for Honors Program students. Honors Theses are discipline specific. The Honors Thesis independent study can be conducted under the guidance of any full-time faculty member at UT. Subject matter for the course will be determined through student-faculty consultation. The course may be taken multiple times for up to a total of 10 credit hours.

Prerequisite: Students must be in good standing in the Honors Program and must have completed 60 credit hours of course work.

## HSC - Health Science

### HSC 100 - Personal and Family Health (3)

This course is a study of personal and family health and wellness. It examines the dimensions of health and recommends practices for developing healthy lifestyles. It explores health determinants, lifestyle behaviors, and risk and resilience factors associated with chronic and communicable diseases.

Offered: fall and spring semesters.

### **HSC 130 - Medical Terminology (3)**

This course introduces the student to common word roots, prefixes and suffixes used by the medical and allied health professions. Upon completion of this course, students should be able to define common medical terminology by deciphering its parts.

Offered: fall and spring semesters.

### **HSC 200 - Introduction to Allied Health Professions (2)**

This course is required of all students enrolled in the pre-professional allied health concentrations. This introductory course examines career opportunities, history and trends, and philosophical issues specific to healthcare. Course content includes professional development, academic planning for graduate school, introduction to interprofessional education, and blood-borne pathogen training.

Offered: fall and spring semesters.

### **HSC 203 - Nutrition (3)**

A study of nutritional status and the effect of eating habits and food consumption on society, families and individuals.

Offered: fall, spring and summer semesters.

### **HSC 220 - Functional Anatomy (3)**

This is a one-semester course without lab that covers the structure and function of the human body on the cellular, systemic and organismal levels. Special emphasis is given to the skeletal, nervous, cardiovascular and respiratory systems.

Offered: fall and spring semesters.

### **HSC 230 - Human Anatomy and Physiology I (3)**

A study of the structures and functions of the body, with special emphases on histology and the integumentary, skeletal, muscular and nervous systems. Permission to retake the course during the fall and spring semesters after having earned a letter grade in or having officially withdrawn from the course must be granted by the department chair.

Prerequisite: MAT160 must be completed with a grade C or better in order to enroll in HSC 230 and HSC 234. Offered: fall, spring and summer semesters.

### **HSC 231 - Human Anatomy and Physiology II (3)**

A study of the structure and functions of the body, with special emphases on the endocrine, circulatory, digestive, respiration, urinary and reproductive systems. Permission to retake the course during the fall and spring semesters after having earned a letter grade in or having officially withdrawn from the course must be granted by the department chair.

Prerequisite: HSC 230 and HSC 234 with a C or better. Offered: fall, spring and summer semesters.

### **HSC 234 - Human Anatomy and Physiology I Laboratory (1)**

This laboratory course introduces the students to hands-on exercises related to the structure and function of tissues, and the skeletal, muscular, and nervous systems (including dissections of cats and brains as well as physiological concepts). Permission to retake the course during the fall and spring semesters after having earned a letter grade in or having officially withdrawn from the course must be granted by the department chair.

Corequisite: HSC 230 or permission of instructor. Offered: fall, spring and summer semesters.

### **HSC 235 - Human Anatomy and Physiology II Laboratory (1)**

This laboratory course introduces students to hands-on exercises related to structure and function of the endocrine, circulatory, digestive, respiratory, urinary and reproductive systems (including dissections of cats, hearts, and kidneys as well as physiological concepts). Permission to retake the course during the fall and spring semesters after having earned a letter grade in or having officially withdrawn from the course must be granted by the department chair.

Prerequisite: HSC 230 and HSC 234 with a C or better. Corequisite: HSC 231 or permission of instructor. Offered: fall, spring and summer semesters.

### **HSC 236 - Introduction to Public Health (4)**

This course provides the student with a clear understanding of the profession and science of public health. Through didactic instruction and experiential service-learning, students will gain knowledge in the following foundational public health domains: the history and philosophy of public health; the concepts of population health; the science of human health and disease; and the factors that impact human health and contribute to health disparities. Additionally, students will develop skills in critical thinking, networking, team work, oral and written communication, and professionalism.

Offered: fall and spring semesters.

### **HSC 237 - Determinants and Disparities in Health and Disease (4)**

By employing a biopsychosociocultural framework, this course introduces the student to the complex array of factors/determinants that influence human and population health and disease (e.g., socioeconomic, behavioral, psychological, biological, cultural, environmental). Using a system's theory approach, it examines the underlying science of human health and disease and explores the various factors/determinants that contribute to human and population health.

Prerequisite: HSC 236. Offered: fall and spring semesters.

**HSC 240 - Global Disparities in Environmental Health (4)**

This course explores global and cultural disparities in health; specifically food safety, water quality, air quality, vector-borne disease, occupational health, radiation, and unintentional injuries.

Distribution: (W). Offered: fall and spring semesters.

**HSC 250 - Emergency Care for the Healthcare Professional (3)**

The content and lab activities in this course prepare students to work collaboratively, use critical thinking and make appropriate decisions about the care to provide in a medical emergency. The first responder skills taught include advanced first aid, single-responder-two-person responder and team CPR with AED training, administering supplemental oxygen, prevention of infectious disease transmission including OSHA bloodborne pathogen and exposure control planning. Lab fees required.

Prerequisite: HSC 220 or HSC 230 with a C or better. Offered: fall and spring semesters.

**HSC 275 - Health Education Theory and Strategies (4)**

This course provides a foundation of major theories and models focused on the development, implementation, and evaluation of health education interventions. Theories and models focused on individual health behavior, interpersonal health behavior, and community behaviors will be addressed. The course focuses on public health issues, social determinants of health, health risk behaviors, and intervention strategies. The course includes trends in morbidity and mortality and factors that correlate with these trends. The course introduces data on health risks associated with behaviors such as smoking, poor diet, sedentary lifestyle, and substance abuse and introduces various strategic approaches for developing behavioral interventions.

Prerequisite: HSC 236. Offered: fall and spring semesters.

**HSC 296 - Independent Study in Health Science (1-8)**

A course offered at the discretion of the Health Sciences and Human Performance Department. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

**HSC 299 - Special Topics in Health Science (3-4)**

A course offered at the discretion of the Health Sciences and Human Performance Department. Subjects may focus on health science topics of current interest in the field or a topic that is of interest to a particular group of students.

**HSC 310 - Human Development Across the Lifespan (3)**

This course introduces students to psychological, social, and learning needs in the context of human

development theories and stages, from conception through end of life.

Prerequisite: Allied Health major. Offered: fall and spring semesters.

**HSC 340 - Qualitative Research Methods (4)**

This course introduces students to the field of qualitative research and prepares them with the skills, techniques, and knowledge necessary to undertake independent research using this methodology. It will provide classroom and field application of qualitative research methods for studying community health problems. It provides a general introduction to ethnographic field methods, emphasizing systematic approaches to collection and analysis of qualitative data. Students will learn to identify the kinds of research problems for which qualitative methods are appropriate, and to critique, qualitative research in terms of design, technique, analysis and interpretation.

Prerequisite: HSC 236. Offered: fall semester.

**HSC 350 - Biostatistics (4)**

This course provides the student with an overview of health science research and data analysis, the organization and summarization of data, and drawing inferences about the characteristics of sample data. Conceptual topics include study design, descriptive statistics, probability, confidence intervals, hypothesis testing, inferential statistics, and decision-making. Statistical techniques include prevalence, incidence, odds ratio, relative risk, sensitivity, specificity, measures of central tendency, dispersion, and variability, measures of bivariate association (Pearson, Spearman, Chi-square), independent samples and paired samples (t-tests), between groups design (one-way and two-way ANOVA), repeated measures ANOVA and multivariable regression.

Prerequisite: ESC 110 or HSC 200 or HSC 236 or NUR 201. Offered: fall and spring semesters.

**HSC 355 - Research Methods in Health Education and Promotion (4)**

This course is designed to provide a solid research foundation to students interested in health education and health promotion emphasizing systematic approaches to the application of research methods, designs and data collection strategies. Students will understand and apply ethical standards related to health education research, develop pertinent research questions and hypotheses, develop proposals, design data collection instruments, identify and critique research in terms of design, technique, analysis and interpretation, as well as explore and practice research dissemination.

Distribution: (W). Prerequisite: HSC 350. Offered: spring semester.

**HSC 360 - Principles of Epidemiology in Exercise and Public Health (4)**

This course provides the student with an overview of morbidity and mortality surveillance by understanding disease etiology, distribution, and control. The course focuses on disease surveillance related to exercise, rehabilitation, public and community health through both descriptive and analytical methods. Students will examine and discuss cohort, case and experimental studies to further illustrate epidemiological concepts including study design, disease distribution (e.g., outbreaks), measures of disease frequency, and determinants of disease, disability, condition, and injury.

Distribution: (W). Prerequisite: ESC 110 or HSC 200 or HSC 236 . Offered: fall and spring semesters.

**HSC 371 - Fundamentals of Pharmacology (3)**

Lecture/discussion course emphasizing an understanding of the basic principles of pharmacology specifically aimed at the needs of allied health professionals. The application of these principles to drug categories commonly encountered by allied health professionals is covered.

Prerequisite: CHE 150 or 152 and permission of the instructor. Offered: fall semester.

**HSC 380 - Materials and Methods in Health Education and Health Promotion (4)**

This course is designed to give the health education student a foundation in the implementation of health education and promotion programs. This course is devoted to the "doing" of health education and health promotion. Throughout the course, students will select, organize and present materials in health education and health promotion for use in a variety of settings. Students will incorporate techniques and methods based upon relevant health behavior and health education theories and models to develop, deliver and evaluate a community-based health education/promotion intervention. Students will develop skills in critical thinking, team work, communication, and professionalism.

Prerequisite: HSC 275. Offered: fall semester only.

**HSC 401 - Interprofessional Global Health and Service (3)**

This course will utilize an experiential, evidence-based model of learning and building on global health competencies. This experiential learning course will enable students to "learn by doing." The primary goal of this experience is to enable the students to contribute toward a better quality of life for all people, especially those who are vulnerable, underserved, marginalized and disadvantaged. The course will focus on providing content and skills necessary to collaboratively plan and implement a service learning project that will address a community need.

**HSC 420 - Nutritional Supplements (2)**

This course addresses contemporary issues in the usage of dietary supplements and sports performance aids, including vitamin and mineral supplements, herbs and botanicals promoted to the general public and to the athlete. The focus is to use the scientific method to evaluate product and research literature and health claims, when it is known that data are often likely to be incomplete or inconclusive. The course also reviews safety data, adverse event reports and legal issues involving dietary supplements.

Prerequisite: One of the following, HSC 203, HSC 230, NUR 432, CHE 232, BIO 330, BIO 360, or permission of the instructor. Offered: spring semester.

**HSC 440 - Health Policy and Social Change (4)**

This course provides key concepts and knowledge regarding how health policy is formulated, enacted, and implemented. The course analyzes health policy by focusing on how and why health policy is developed at the federal, state and local levels. Students will be given the tools with which to understand how both public and private institutions produce health policy in its various forms. Students will engage in local policy and advocacy processes. This course will provide a practical background to the study of public health policy.

Prerequisite: HSC 236 and HSC 275. Offered: fall semester.

**HSC 445 - Program Planning and Evaluation in Health Promotion and Education (4)**

This course will introduce students to the development, implementation and evaluation strategies that address health promotion issues at multiple levels. The course will provide a strong foundation of theories and conceptual frameworks used to develop, implement and evaluate health promotion from an ecological perspective - encompassing the individual, interpersonal, organizational, community, social and policy levels.

Prerequisite: HSC 355 and HSC 380. Offered: fall and spring semesters.

**HSC 446 - Public Health Systems (4)**

This course develops the student's ability to: 1) work with organizations and communities; 2) develop skills to mobilize resources and the organizational and community capacity to address public health challenges and achieve the national health objectives; and 3) enable participation and leadership in a network that fosters the future of public health. The course exposes students to concepts and theories of leadership, performance improvement, organizational behavior, marketing, operations, organizational strategy and continuous quality improvement. The general management perspective is emphasized.

Prerequisite: HSC 240, HSC 360 (pre or co-requisite). Corequisite: . Offered: fall and spring semesters.

**HSC 447 - Public Health Disaster Preparedness and Emergency Response (4)**

This course will provide the students with a basic knowledge of public health preparedness and response using an all-hazards approach: radiological, biological, chemical, and natural disaster, as well as exercises utilizing case studies.

Prerequisite: HSC 240, HSC 360 (pre or co-requisite). Offered: fall.

#### **HSC 450 - Public Health Management and Leadership (4)**

This course develops the student's ability to: 1) work with organizations and communities; 2) develop skills to mobilize resources and the organizational and community capacity to address public health challenges and achieve the national health objectives; and 3) enable participation and leadership in a network that fosters the future of public health. The course exposes students to concepts and theories of leadership, performance improvement, organizational behavior, marketing, operations, organizational strategy and continuous quality improvement. The general management perspective is emphasized.

Prerequisite: HSC 236 and HSC 275. Offered: spring semester.

#### **HSC 470 - Health Science Lab Practicum (2)**

An upper-level course for those looking to go onto professional/graduate school and/or those who would benefit from experiential learning in teaching various aspects of a laboratory course. Through direct involvement both in and out of the classroom, students gain hands-on knowledge of instruction in a health science laboratory. Under the supervision of the faculty, students participate in all aspects of teaching a semester long laboratory class. This may include, but is not limited to, presenting materials in the introductory component of each laboratory, working with students during laboratory hours, holding office hours, holding review sessions in the laboratory, creating and evaluating testing components, and laboratory preparation and maintenance. Counts as a general elective only.

Prerequisite: HSC 230, HSC 231, HSC 234 and HSC 235 (all w/grade of "B" or better), and instructor permission. . Offered: fall, spring and summer semesters.

#### **HSC 480 - Internship in Allied Health (0-12)**

This is an instructional, field-based experience in the allied health occupations for the pre-professionals. Both directed and self-directed experiences are required under the supervision of a certified/licensed allied health care practitioner in an approved health care setting. Students must earn program coordinator approval, provide documentation of current immunizations, health screening and CPR certification, and make provisions for transportation to the clinical affiliation site. This course may be repeated for credit for a maximum of 12 credit hours.

Prerequisite: Junior or senior status, permission of instructor and departmental approval. . Offered: fall, spring and summer semesters.

#### **HSC 485 - Undergraduate Research in Health Sciences (1-8)**

This course is an experiential education course that focuses on conducting undergraduate research in health sciences and working along with a faculty member. The students will be engaged in project conception, background literature study, methodology, data collection, analyzing results and possible presentation of research to larger community. At least 2 hours a week is required for each credit hour. This course can be repeated for up to 8 credit hours.

Prerequisite: Permission of instructor.

#### **HSC 490 - Internship in Public Health (2-6)**

This course integrates public health theory and practice in a professional setting. Students have the opportunity to apply concepts from core and concentration courses, conduct projects and interact with a range of health professionals. The student works with both faculty advisor and an academically and professionally qualified preceptor. This course may be repeated for credit for a maximum of 12 credit hours.

Prerequisite: Permission of Instructor. Offered: fall, spring and summer semesters.

#### **HSC 491 - Seminar in Allied Health (3)**

This course encompasses professional topics and current issues in the allied health professions. A seminar style class including discussions, reviews of current literature, case studies and journal article critiques will be conducted. Competencies of interprofessional education including ethics, leadership, and teamwork are delivered in the course.

Prerequisite: Junior or Senior status; Allied Health major.

#### **HSC 496 - Independent Study in Health Science (1-8)**

A course offered at the discretion of the Health Sciences and Human Performance Department. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

#### **HSC 499 - Special Topics in Allied Health**

A course offered at the discretion of the Health Science and Human Performance Department. Subjects may focus on topics of current interest in the field or a topic that is of interest to a particular group of students.

#### **HSC 608 - Research Methods in Health Science (3)**

This course will cover research designs and research methods for exercise and health related studies. In particular, this course will focus on qualitative, quantitative and mixed method research designs, data collection techniques and statistical analyses. This course builds on the basic knowledge of biostatistics to explore more advanced research analysis techniques with both parametric and nonparametric data. This

course will enable the student to develop instruments that align with specific research questions/hypotheses. Students will become knowledgeable of mixed methods research and a greater understanding of the usage of one design informing the other for more robust research endeavors.

Prerequisite: Must be admitted in the Master of Science in Exercise and Nutrition Science Program, or by instructor permission. Offered: fall semester.

### **HSC 618 - Professional Issues and the Practitioner (3)**

This course encompasses professional topics and current issues in exercise and nutrition science.

Prerequisite: Must be admitted in the Master of Science in Exercise and Nutrition Science program, or by instructor permission. Offered: summer.

### **HSC 627 - Sports Supplements and Ergogenic Aids (3)**

This course provides the student with a comprehensive overview of nutritional supplementation as it applies to body composition, performance (strength, endurance, power) and general health. The course will cover the major supplements touted to enhance energy, fat loss, strength, muscle, endurance, inflammatory status and the overall hormonal milieu.

Prerequisite: Must be admitted in the Master of Science in Exercise and Nutrition Science program, or by instructor permission. Offered: spring semester.

### **HSC 635 - Special Topics in Exercise and Nutrition Science (3)**

This course is an exploration of one or more special topics in exercise and nutrition science. The course gives students a comprehensive overview of a specialized field in sports and/or nutrition. May be repeated if content varies.

Prerequisite: Must be admitted in the Master of Science in Exercise and Nutrition Science program, or by instructor permission. Offered: fall semester.

### **HSC 637 - Sports Nutrition (3)**

This course provides students with an advanced understanding of the role that nutrition plays in the acute and chronic response to exercise. In-depth discussion of macro and micro nutrients are discussed as they relate to exercise and sport.

Prerequisite: Must be admitted in the Master of Science in Exercise and Nutrition Science program, or by instructor permission. Offered: summer.

### **HSC 690 - Practicum (1-3)**

The practicum provides clinical field based experiences in preparation for employment in the exercise and nutrition science related professions. Graduate students will gain insight into various practices, disciplines, techniques, administrative duties and clinical processes related to exercise and nutrition science. Graduate students will provide documentation

of their experience. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: By permission of the instructor. Offered: fall, spring and summer semesters.

### **HSC 696 - Independent Study in Exercise Science (1-8)**

A course offered at the discretion of the Health Sciences and Human Performance Department. Eligible students are in the Masters of Exercise and Nutrition Science program. By permission of instructor and department chair. May include a practicum. May be taken for variable credit.

### **HSC 699 - Comprehensive Exam (1)**

This course includes the master's program comprehensive exam which must be satisfactorily completed to graduate with the MS Exercise and Nutrition Science degree. The course also includes review for the comprehensive exam. Satisfactory completion of this course will also help prepare those students who plan to take Certified Sports Nutritionist Exam (CISSN) offered by the International Society of Sports Nutrition but passage of the CISSN exam is not required for graduation from the MS program.

Prerequisite: Satisfactory completion of all core courses in the M.S. in Exercise and Nutrition Science program with a cumulative GPA of 3.0 or greater. By permission of the program director. Offered: fall, winter intersession, spring and summer semesters.

## **IBS - International Business**

### **IBS 490 - International Business Internship (1-8)**

This internship exposes the student to a real life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. Completion of this internship helps students partially attain the following goals of the College of Business. May be used to satisfy the cross-cultural experience requirement of the IB major. Approval of the international business coordinator required.

Prerequisite: MGT 350, junior or senior standing and minimum cumulative GPA of 2.75 or a 3.0 in COB courses. Offered: fall, spring and summer semesters.

### **IBS 492 - Seminar in International Business (4)**

Examines select economic, political and cultural aspects of specific countries through readings, lectures, research and travel abroad. Country selection varies with instructor. Travel abroad includes visits to foreign stock exchanges, universities, corporations and international organizations. The trip is required for course credit, and the cost of the trip is not included in

tuition. May require class meetings during the last seven weeks of the spring semester.

Distribution: (IG). Offered: summer only, at the discretion of the coordinator of International Business and the International Programs Office.

#### **IBS 495 - Special Topics in International Business (4)**

A course offered at the discretion of the Department of International Business. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Distribution: (IG). Prerequisite: To be specified at time of offering. Offered: as needed.

#### **IBS 499 - Independent Study in International Business (0-4)**

A readings or independent study course taken under faculty guidance for variable credit.

Prerequisite: Minimum 3.0 GPA, consent of the coordinator of international business and COB associate dean.

#### **IBS 695 - Special Topics in International Business (4)**

For graduate students only. A course offered at the discretion of the coordinator of international business. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

#### **IBS 699 - Independent Study in International Business (1-4)**

For graduate students only. Contemporary topics in international business.

Prerequisite: Minimum 3.5 GPA, written permission of department chair.

### **IST - International Studies**

#### **IST 100 - Special Studies Abroad (0-4)**

Special courses are offered in conjunction with UT Travel Courses. Check descriptions published annually.

Corequisite: Must be linked with a UT Travel Course. Offered: Summer Term.

#### **IST 200 - Special Studies Abroad (0-4)**

Special courses are offered in conjunction with UT Travel Courses. Check descriptions published annually.

Corequisite: Must be linked with a UT Travel Course. Offered: Summer Term.

#### **IST 291 - Special Studies (2-4)**

Special courses are offered occasionally, including travel abroad experience. Check descriptions published annually.

#### **IST 300 - Special Studies Abroad (0-4)**

Special courses are offered in conjunction with UT Travel Courses. Check descriptions published annually.

Corequisite: Must be linked with a UT Travel Course. Offered: Summer Term.

#### **IST 400 - Special Studies Abroad (0-4)**

Special courses are offered in conjunction with UT Travel Courses. Check descriptions published annually.

Corequisite: Must be linked with a UT Travel Course. Offered: Summer Term.

#### **IST 470 - Senior Research Seminar in International Studies (4)**

A capstone course for international and cultural studies majors that focuses on the analysis of proposed solutions to contemporary global issues.

Distribution: (IG). Prerequisite: PSC 269, PSC 270. Only available to IST majors during their last spring semester on campus. Offered: spring semesters.

### **ITA - Italian**

#### **ITA 101 - Elementary Italian I (4)**

Not open to native speakers. Beginning Italian with an emphasis on Italian culture, as well as understanding and speaking Italian in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Italian. This course is only open to students who have successfully completed one year or less of Italian in secondary school within the previous eight years, and no university Italian. Students cannot take ITA 101, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **ITA 102 - Elementary Italian II (4)**

Not open to native speakers. Beginning Italian with an emphasis on Italian culture, as well as understanding and speaking Italian in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: ITA 101 (or equivalent skills). Not open to native speakers of Italian. Students cannot take ITA 101, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **ITA 201 - Intermediate Italian I (4)**

Not open to native speakers. Develops a greater understanding of Italian culture and everyday Italian, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: ITA 102 or equivalent skills required. Not open to native speakers of Italian. Students cannot take ITA 101, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **ITA 202 - Intermediate Italian II (4)**

Not open to native speakers. Develops a greater understanding of Italian culture and everyday Italian, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: ITA 201 or equivalent skills required. Not open to native speakers



of Italian. Students cannot take ITA 101, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **ITA 251 - Topics in Italian (1-4)**

Content varies.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **ITA 351 - Topics in Italian (1-4)**

Content varies.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

## **ITM - Information and Technology Management**

#### **ITM 220 - Management Information Systems (4)**

Students study the use of information systems in the operation of an organization. Topics include data and information, data visualization, business processes, the relationship of business processes with data, information and information systems, and ensuring the safety and the ethical use of data, information, and information systems. Students apply the knowledge acquired in this course to contemporary applications and in simulated business scenarios that incorporate information systems.

Prerequisite: BUS 101 and BAC 100. Offered: fall, spring and summer semesters.

#### **ITM 251 - Application Development (4)**

Studies the fundamentals of designing and writing computer programs to solve problems. Emphasizes the principles of software design, development, and testing. Using a pragmatic and hands-on approach, students will apply structured programming and object-oriented methods using contemporary programming languages.

Offered: fall and spring semesters.

#### **ITM 280 - Network and Cloud Infrastructure (4)**

This course provides an introduction to network and cloud computing infrastructures. Topics covered include network architectures, topology, routing, protocols, IP addressing, wireless networking, securing networks, virtualization and cloud computing. An introduction to the fundamentals of hardware, software and networks is provided. Course coverage includes infrastructure, platform and software as a service aspects of cloud computing. Labs offer students practical experience with a protocol analyzer, network diagramming tool and access to a large cloud service provider. Students work directly with cloud-based resources to include installing and configuring instances of different operating systems in a virtualized environment.

Prerequisite: BAC 100. Offered: fall, spring and summer semesters.

#### **ITM 318 - Systems Analysis and Design (4)**

This course introduces students to analysis and design of business information systems. The course addresses the key concepts of user requirements, modeling, and information systems project management. The course introduces various system development methodologies and several popular techniques for process modeling and data modeling. A semester-long project provides students with the opportunity to apply concepts in analyzing and designing an information system. The project management component of the course exposes students to system request, project feasibility analysis, project planning, and reporting minutes of meetings.

Distribution: (W). Prerequisite: ITM 220 and ITM 251 with a grade of C or better. Offered: fall and spring semesters.

#### **ITM 319 - Business Process Integration Using Enterprise Systems (4)**

This course focuses on integration of business processes across different functional areas in an organization. Students will learn about enterprise resource planning (ERP) systems and their role in integrating business processes within and across organizations. Through hands-on exercises, students will learn how to configure business processes within an organization using a contemporary ERP system, SAP. The course provides students an opportunity to study and compare integration of business processes using ERP systems in two organizations which culminates in a research paper and presentation to the class. Case studies, business simulation, and business process modeling are used to enhance student understanding.

Prerequisite: ITM 220, ACC 203. Offered: fall semester.

#### **ITM 340 - Excelling with Excel (4)**

This hands-on course provides students with an intermediate to advanced-level understanding of Excel, preparing them to organize and evaluate quantitative data for personal and managerial decision-making. The course covers the Excel skills necessary for the Microsoft Office Specialist (MOS) Excel Associate Certification and many needed for the MOS Excel Expert Certification. Specifically, the course covers creating formulas that use functions and work with cells, ranges, arrays, and tables, referencing data on worksheets and other workbooks, manipulating data, validating data, creating pivot tables, creating graphs, and creating simple macros. Techniques to improve workbook maintainability and reuse are also explored.

Prerequisite: Prerequisite: ITM 220. Offered: summer semester.

#### **ITM 350 - Information Security Principles (4)**

This course introduces students to the fundamental concepts of information and cybersecurity. It covers how to protect the confidentiality, integrity and availability of data and information systems that modern organizations depend upon. The information

security domains examined include network security, risk management, governance, physical security, cryptography, application development, business continuity and legal issues. Special consideration is given to studying major security incidents and cybersecurity trends. Students will learn about the threats and vulnerabilities facing computer systems and the tools and techniques used to secure them.

Prerequisite: ITM 220. Offered: fall, spring and summer semesters.

#### **ITM 360 - Advanced Application Development (4)**

Building on ITM251, this course emphasizes advanced programming techniques using a contemporary programming language to develop business applications. Students complete hands-on exercises and an experiential project.

Prerequisite: ITM 251. Offered: spring semester.

#### **ITM 361 - Operations Management (4)**

This course examines the short-and long-term decisions that are made in manufacturing and service systems relating to the operations function. Emphasis is placed upon maximizing productivity, improving quality and discussing key issues within operations which are of relevance in a firm's ability to remain competitive in a global economy. The course also covers global supply chain management aspects such as outsourcing/offshoring and strategic use of information systems. Students are given realistic exercises and gain hands-on experience using a contemporary enterprise information system.

Prerequisite: COB core requirements and MGT 330. Offered: fall semester.

#### **ITM 375 - Information Security Standards, Risk Management and Compliance (4)**

This course prepares students to design, implement and maintain a robust information security program. Students will be introduced to various standards that define best practices for creating and maintaining security policies, performing an enterprise risk assessment, business continuity/disaster recovery planning, and security incident response handling. Students will also be exposed to the legal and regulatory requirements of a successful information security program. A practical approach to learning these topics will be taken, requiring students to apply their knowledge to real-world situations in project work and report writing assignments.

Distribution: (W). Prerequisite: ITM 220. Offered: Fall and Spring.

#### **ITM 380 - Network Security (4)**

An introduction to network security and cryptography. Students learn about computer network configurations, devices, services, vulnerabilities and threats. Topics include firewalls, intrusion prevention/detection systems, honeypots, wireless

systems, remote connectivity, malware threats and common attack types. Students design a network security architecture for an organization. The course also covers cryptography topics including encryption methods, symmetric/asymmetric systems, hashing, public-key infrastructures and attack types. Emphasis is placed on reinforcing concepts with hands-on, lab-based exercises.

Prerequisite: ITM 280. Offered: fall and spring semesters.

#### **ITM 408 - Data and Information Management (4)**

Studies fundamental concepts of data and information management with primary focus on database systems, including identifying organizational requirements, conceptual data modeling, logical and physical database design, SQL and database administration tasks. Other topics include business intelligence technologies, data quality management and emerging trends. This course requires completion of an application prototype on a currently popular DBMS.

Prerequisite: ITM 220. Offered: fall and spring semesters.

#### **ITM 415 - Digital Forensic & Software Security (4)**

This course explores secure software development and digital forensic analysis. For software security, we cover the most critical application security vulnerabilities and how to mitigate them. The methodologies of developing secure applications are addressed. Secure coding practices are introduced. Additionally, students learn how to conduct vulnerability scans against software as well as take precautionary steps to prevent exploitation. For digital forensics, we explore computer crime types, investigations, and evidence analysis from different devices and operating systems. Students gain experience using digital forensic tools. Understanding cyber risks facing critical national and global infrastructures is also treated.

Prerequisite: ITM 251 and ITM 350. Offered: spring semester.

#### **ITM 419 - MIS Capstone (4)**

This course builds on database, development, and systems analysis knowledge, emphasizing project governance and business processes. Students develop business writing skills to analyze business cases and create project governance documents. Topics include information systems project governance, risk, business process modeling, and stakeholder communications. Additionally, the course includes current topics related to an organization's use and management of technology. Students apply the knowledge acquired in their MIS studies to a real-world business problem in a semester-long project.

Distribution: (W). Prerequisite: Prerequisite: ITM 251 and ITM 318. Pre or Co-Requisite ITM 408. . Offered: spring.

#### **ITM 450 - Cybersecurity Capstone (4)**

A comprehensive and intense preparation for the Certified Information System Security Professional (CISSP) exam. The course reviews the domains of the CISSP common body of knowledge. Students sharpen test taking skills with practice questions. A comprehensive exam is given that mimics an actual certification exam.

Prerequisite: ITM 350, ITM 375, ITM 380. Offered: Fall and Spring semester.

#### **ITM 466 - Business Intelligence and Analytics (4)**

The course focuses on the use of data, statistical and quantitative analysis, and explanatory and predictive models to generate data-driven insight for decision-making and competitive strategy. Students gain knowledge and skills to manipulate and analyze large data sets. Topics include the strategic value of business intelligence and analytics, relevant concepts related to databases and data warehouses, data and text mining techniques, and business applications of data mining and analytics. Students use software tools to analyze large data sets.

Prerequisite: ITM 220 and QMB 210. Offered: fall and spring semesters.

#### **ITM 480 - Ethical Hacking (4)**

Provides additional hands-on lab exercises that build upon the concepts learned in ITM 380. The course covers the hacking methodologies used to assess and attack a target computer system. Emphasis is placed on understanding attack exploits and using security tools and techniques to find and fix vulnerabilities. Students engage in offensive and defensive exercises stressing ethical hacking and penetration testing. Exercises are conducted using different operating systems and virtual environments.

Prerequisite: ITM 350, ITM 380. Offered: Fall and Spring semesters.

#### **ITM 490 - Internship in Information and Technology Management (1-8)**

This internship exposes the student to a real life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. Completion of this internship helps students partially attain the following goals of the College of Business. May not be used to satisfy major requirements. Approval of the department chair required.

Prerequisite: Junior or senior standing with overall minimum cumulative GPA of 2.75 or a 3.0 in COB courses. Offered: fall, spring and summer semesters.

#### **ITM 495 - Special Topics in Information and Technology Management (4)**

A course offered at the discretion of the ITM department. Subject may focus on a topic of current interest in the field, training in a specific area of the

field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

#### **ITM 499 - Independent Study in Information and Technology Management (1-4)**

A readings or independent study course taken under faculty guidance for variable credit.

Prerequisite: Minimum 3.0 GPA, consent of department chair and associate dean. Offered: as needed.

#### **ITM 505 - Database Fundamentals**

This course introduces students to the fundamentals of database management and the application of database software that supports various business operations and managerial decision making. The course covers the basic concept of relational database and the structured query languages (SQL). Students will use computerized database package to implement a small business database.

Offered: fall and spring.

#### **ITM 608 - Information Systems and Operations Management (4)**

For graduate students only. This course provides an integrated view of managing information systems and operations. Case studies and the SAP enterprise system are used to address key concepts. The course covers the strategic use and development of information systems as well as providing hands-on experience with enterprise systems. Emphasis is placed on managing the supply chain and its impact on strategic planning. The course addresses each element in the operation of a successful supply chain including having the right quantity, quality, location, time, price and information at each stage of the supply chain process. Both classroom and alternative instructional methods may be employed.

Prerequisite: QMB 500. Offered: fall, spring and summer semesters.

#### **ITM 614 - Effective Project Management (4)**

For graduate students only. This course is a study of project management using the systems approach to problem solving. This course covers the nine project management knowledge areas. Contemporary project management software is used to illustrate all concepts. The course covers management of multiple projects, new product development, and large technology programs. Information-processing methods such as the Design Structure Matrix are used to analyze task dependencies. Methods for managing uncertainty in project management are covered. Students use case studies, readings and software applications to learn the sophisticated techniques and management designs used to effectively manage risk and uncertainty, financial exposure and human constraints.

Prerequisite: QMB 500. Offered: summer.

#### **ITM 615 - Data Mining for Business (4)**

Leading companies compete on analytics. This course focuses on using data, statistical and quantitative analysis, data-mining models, and data-driven insight to support decision-making and actions. Students gain knowledge and skills to manipulate and analyze data sets. Topics include the strategic value of analytics and building analytical capabilities, relevant concepts related to data manipulation, data and text mining techniques, and business applications of data mining and analytics.

Prerequisite: QMB 500. Offered: fall, spring and summer semesters.

#### **ITM 617 - Machine Learning for Business Analytics (4)**

This course introduces how to use apply a modern programming language in the process of data mining and business analytics. This course provides hands-on development experience where students utilize programming languages, such as Python and SQL, to process, analyze, model a variety of real-world datasets.

Prerequisite: Pre-requisite or co-requisite QMB 500. Offered: Summer.

#### **ITM 618 - Application Development for Managers (4)**

This course focuses on a managerial view of the software development and programming process with a focus on secure programming, code management, data processing, and analytics. Students will undertake a detailed study of the Python programming language and associated development tools. Topics include the software development life-cycle, requirements analysis and documentation, the role of programming languages in software development, version control systems, structured programming, data structures, predictive modeling, static code analysis, and exception handling.

Offered: Summer.

#### **ITM 619 - Enterprise Systems (4)**

For graduate students only. This course examines enterprise system concepts with a focus on understanding how enterprise systems integrate information across business functional areas. Students will learn the fundamentals of a current Enterprise Resource Planning (ERP) application (SAP). The use of enterprise systems at both the transaction processing level and the managerial level is covered. Case studies, business simulation, and hands-on exercises with an enterprise system are used to enhance student understanding. Configuration of an enterprise system for business processes is covered. Students will prepare a comparative analysis of two enterprise systems.

Offered: spring semester.

#### **ITM 630 - Managing the IT Organization (4)**

For graduate students only. The course presents an integrated approach to managing IT organization by guiding the participant through a process of effectively aligning, investing, measuring, deploying and sustaining the strategic and tactical direction of IT

organizations in 21st-century businesses. The course leverages and integrates current and emerging industry best practices, standards guidelines and leading company case studies. Students will learn how to develop and evaluate an IT management plan by studying an IT organization in a contemporary business as part of the semester-long project.

Offered: summer semester.

#### **ITM 635 - Managing Innovation (4)**

For graduate students only. This course focuses on innovation's role in 21st-century organizations. It addresses the need for a systemic approach to building innovation capabilities and the challenges of integrating the many facets of innovation management. Leading innovators and building innovative organizations are covered from both a theoretical and applied approach. Topics addressed include fundamental theories of innovation; developing an innovation strategy; innovation as a business process; the role of the innovation context including leadership and organization, culture and values, people and skills, and processes and tools; and assessing and improving innovation performance.

Offered: fall semester.

#### **ITM 650 - Information Security Management (4)**

Introduces students to fundamental concepts of information security from the aspect of managing security programs for business enterprises. The topics examined include risk management, security governance, compliance, business continuity, access control, cybercrime, physical security, critical infrastructures, network security and cryptography. Special consideration is given to applying international standards and best practices to the development and management of organizational security programs. Students learn about the vulnerabilities and threats facing information systems and the technology and techniques used to secure them. Case studies of cybersecurity incidents and industry trends are addressed. Hands-on experience with security and hacker tools is provided in a lab environment.

Offered: summer semester.

#### **ITM 680 - Big Data for Analytics (4)**

This course will provide an introduction to managing, mining, and analyzing big datasets. This course will incorporate distributed and parallel algorithms and supported systems to mine large datasets. The course will also use database technology including NoSQL databases. The final project in the course would involve mining a big dataset from a real company using the techniques learnt in the course to gain insights into real business issues.

Prerequisite: QMB 500 and ITM 615. Corequisite: ITM 617. Offered: Summer.

#### **ITM 689 - Global Supply Chain Management (4)**

The course provides an introduction to supply chain management language, concepts, tools, and strategies and is targeted to executives and general managers. The course focuses on supply-chain strategy; therefore, the course begins with an overview of business, corporate, and global strategy. The case method is used and supplemented with lectures.

### **ITM 690 - Internship in Information and Technology Management (1-3)**

International students must consult with the Office of International Programs. May be used to satisfy up to two hours of practicum requirements.

Prerequisite: Approval of the graduate office, the college internship coordinator and the associate dean. Offered: fall, spring and summer semesters.

### **ITM 695 - Special Topics in Information and Technology Management (4)**

A course offered at the discretion of the ITM department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

### **ITM 699 - Independent Study in Information and Technology Management (1-8)**

For graduate students only. Contemporary topics in information systems and technology management.

Prerequisite: Minimum 3.5 GPA and written permission of the department chair. Offered: as needed.

## **JOU - Journalism**

### **JOU 101 - Introduction to Journalism (4)**

This course explores the role and function of journalism, its evolution throughout history, and how it is practiced in different media and in different parts of the world. The basic principles, related legal issues and ethics of journalism are also examined, with an emphasis on journalism's transition in the new media age.

Offered: fall and spring semesters.

### **JOU 212 - Memoir and Autobiography (4)**

Students read and study diverse, outstanding examples of this genre while practicing the craft of first-person narrative. Frequent and substantial writing--done in-class and as homework--is the catalyst for self-reflection and learning nonfiction storytelling techniques: rendering scenes; portraying character; structure and narrative arc; and finding and refining the author's voice. The final project, a substantial piece of life writing, is created in component parts throughout the semester and revised through peer editing, the teacher's responses, and multiple drafts of the entire narrative.

Distribution: (HFA) (W). Offered: fall semester.

### **JOU 213 - Travel Writing (4)**

Students will explore the art of travel writing, using the techniques of creative nonfiction and journalism. They will learn to incorporate fact and research into pieces that include narrative, interview and reflection. They will reflect the intersection of people and places, while exploring their own relationship to the experiences. Assignments may include the critique of food, architecture and music; political analysis; and description of natural environs. May count in the humanities distribution in the Baccalaureate Core if not used for the journalism or writing major.

Distribution: (A) (HFA) (IG) (NW) (W). Offered: fall semester.

### **JOU 221 - Multimedia Storytelling (4)**

This course teaches the basics of capturing and editing sound, photographs and moving images for journalistic purposes, with a focus on producing content for the Web. Students will learn to tell multi-platform stories using simple, portable equipment and software that makes up the "tool kit" for today's versatile reporters. They also will be introduced to the ethical and legal dimensions of capturing sound and images in public spaces and to alternative storytelling techniques.

Offered: fall and spring semesters.

### **JOU 251 - Sports Journalism (4)**

Sports and athletes--pro and college--constantly make compelling news and offer rich sources for story telling and investigation. This part of journalism has been "multimedia" since radio and TV began; in this class sports students will become adept at the diverse skills today's journalism requires, including previewing and covering games in written and visual media; blogging; and using social media. Like athletes, journalists can only get better with practice--and this class will provide students hands-on opportunities to cover sports and raise their games.

Prerequisite: JOU 101. Offered: spring semester.

### **JOU 271 - News Reporting and Writing (4)**

This course provides a hands-on practice of journalism, in which students learn reporting and information-gathering techniques, develop interviewing skills and write frequent news stories with varying angles and subjects. Students will also learn to be fair and objective in their reporting.

Distribution: (W). Prerequisite: AWR 101 and JOU 101, or permission of instructor and department chair. Offered: fall and spring semesters.

### **JOU 273 - Practicum in Student Publications (1-4)**

A supervised practical experience on a student publication. May not be used to satisfy general distribution requirements. Students may enroll for credit as follows: editor in chief, managing editor and section editors (up to 4 credit hours); writers, assistant section editors and other staff (photo, video, advertising) from 1 to 2 credit hours. No student may

receive more than 4 credit hours of credit in student publications in any one semester. May be repeated for a maximum of the following credit hours: *Minaret*, 8; *Moroccan*, 8; *Neon*, 6.

Prerequisite: Consent of Instructor. Not recommended for first-semester freshmen. Offered: fall and spring semesters.

#### **JOU 290 - Special Topics in Journalism (4)**

Specialized study of a topic and/or area of journalism. The course may be repeated if content varies.

Distribution: (HFA). Prerequisite: AWR 101 and AWR 201. Offered: Varies when offered.

#### **JOU 304 - Social, Digital, and Data Journalism (4)**

This course focuses on digital reporting and storytelling tools and methods, building on the training provided in Multimedia Journalism I. The latest video journalism, audio journalism, data journalism, photojournalism, web writing and social media skills will be explored, along with issues involving multimedia journalism ethics and the law.

Prerequisite: AWR 101 and AWR 201; JOU 221 or COM 241; and JOU 271. Offered: spring semester.

#### **JOU 336 - Advanced Broadcast Journalism Field Production (4)**

This class builds upon the foundational skills introduced in COM 236 UTTV Practicum. Students will learn how to use DSLR cameras and other advanced technologies to produce TV news packages. Students will strengthen broadcast skills in conducting standups, on-camera interviews, video shooting, editing and production. Students will be required to report on topics and events affecting the broader Tampa Bay community. Classes incorporate lecture/discussion and professor guidance in project work for news packages.

Prerequisite: COM 236. Offered: Spring.

#### **JOU 371 - Feature Writing (4)**

An advanced journalism class that focuses on writing longer feature stories of greater complexity than the news stories in JOU 271. Involves extensive writing assignments of the kind that appears in print or online magazines. Students will study important genres in those publications and learn how to complement their own stories with additional elements, such as sidebars, forming editorial packages.

Distribution: (W). Prerequisite: AWR 101 and AWR 201; and JOU 101 and JOU 271, or permission of instructor and department chair. Offered: fall semester.

#### **JOU 390 - Advanced Special Topics in Journalism (4)**

Advanced study of a topic and/or area of journalism. The course may be repeated if content varies.

Prerequisite: AWR 101 and AWR 201; JOU 271 or permission of instructor and department chair. Offered: Varies when offered.

#### **JOU 485 - Directed Writing in Journalism (1-4)**

Independent study and advanced training in journalism, which could include reporting, feature writing and/or multimedia, with emphasis on flexibility and practicality of topic and focus. Reading and writing assignments are agreed upon by the individual student and professor. May be repeated if content varies. May not be used to satisfy general distribution requirements.

Prerequisite: JOU 221, JOU 271, JOU 371. Offered: Offered as needed; instructor consent required.

#### **JOU 490 - Journalism Studies: Career Internship for Journalism Majors (1-8)**

Internships acquaint students with careers and professions in their major and demonstrate to students how their special skills can be used in these environments. May be repeated for a maximum of 8 credit hours, 4 of which may count toward the journalism major. May not be used to satisfy general distribution requirements.

Prerequisite: Junior or senior standing and a minimum cumulative GPA of 3.0. Permission of the student's advisor and the department chair are required.

#### **JOU 499 - Journalism Colloquium/Portfolio (2)**

This course is a requirement for journalism majors, offered in their final semesters, with the goal of preparing them for the post-graduation opportunities and challenges of the journalism craft and an industry in transition. Working professionals give workshops on best practices and the latest issues and developments in the media industries. Students also compile and submit a portfolio of their best work (in all media) from each year of study. A preface should include a discussion of the student's growth as a reporter, writer, and multimedia journalist. Program faculty members evaluate portfolios and select the most distinguished for awards.

Prerequisite: Senior standing in journalism. Offered: spring semester.

## **JPN - Japanese**

#### **JPN 101 - Elementary Japanese I (4)**

Beginning Japanese with an emphasis on Japanese culture, as well as understanding and speaking Japanese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Japanese. Not open to students with 2+ years of high school Japanese. Students cannot take JPN 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

#### **JPN 102 - Elementary Japanese II (4)**

Beginning Japanese with an emphasis on Japanese culture, as well as understanding and speaking Japanese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: JPN 101 (or equivalent skills). Not open to native speakers of Japanese. Students cannot take JPN 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

### **JPN 201 - Intermediate Japanese I (4)**

Beginning Japanese with an emphasis on Japanese culture, as well as understanding and speaking Japanese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: JPN 102 (or equivalent skills). Not open to native speakers of Japanese. Students cannot take JPN 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

### **JPN 202 - Intermediate Japanese II (4)**

Beginning Japanese with an emphasis on Japanese culture, as well as understanding and speaking Japanese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: JPN 201 (or equivalent skills.) Not open to native speakers of Japanese. Students cannot take JPN 101, 102, 201, or 202 concurrently. Offered: Varies when offered.

### **JPN 251 - Topics in Japanese (1-4)**

Content varies.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of Instructor.

### **JPN 351 - Topics in Japanese: (1-4)**

Content varies.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of Instructor. Offered: Offered as needed.

### **JPN 451 - Topics in Japanese (1-4)**

Content varies.

Distribution: (HFA) (IG) (NW). Prerequisite: Consent of Instructor. Offered: Offered as needed.

## **LAN - Language**

### **LAN 100 - Language and Culture (2)**

An introduction to the language and culture of the different ethnic groups in the United States. Content and emphasis vary. Graded on a satisfactory/unsatisfactory basis only. May be repeated when content varies.

Prerequisite: Not open to native speakers of the language being studied. .

### **LAN 105 - Language For Travel (2)**

Designed to give students the ability to communicate on a basic level in a given language. Materials facilitate the practice of speaking and listening skills, emphasizing the situations one would encounter while traveling. Includes information about cross-cultural communication. Graded on a satisfactory/unsatisfactory basis only.

Prerequisite: Not open to students with previous experience in the language being offered.

### **LAN 151 - Topics in Language (1-4)**

Distribution: (HFA) (IG) (NW) when appropriate. Prerequisite: Consent of instructor. Offered: Offered as needed.

### **LAN 251 - Topics in Language (1-4)**

Prerequisite: Consent of instructor. Offered: Offered as needed.

## **LAT - Latin**

### **LAT 101 - Elementary Latin I (4)**

Beginning Latin with an emphasis on ancient Roman culture. Includes practice in reading and writing.

Distribution: (HFA) (IG).

### **LAT 102 - Elementary Latin II (4)**

Beginning Latin with an emphasis on ancient Roman culture. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: LAT 101 or equivalent skills. .

## **LED - Leadership**

### **LED 200 - Introduction to Leadership Studies (4)**

This course is designed for students interested in learning more about the nature of leadership and open to any student with an interest in leadership. Over the course of the semester, we will look at leadership from the individual, group, organizational and global perspectives. The course will demonstrate the interrelatedness of an individual with the community/organization and the skills necessary for leading in a global society.

Offered: fall and spring semesters.

### **LED 450 - Capstone in Leadership Studies (4)**

Provides an in-depth understanding of how leaders ethically mobilize resources to be effective in their roles. This course examines how power and influence are acquired, retained and used in organizations. In addition, the course explores the effect of power followers and the overall performance of the organization. Students learn through a variety of experiential exercises and case studies.

Prerequisite: LED 200 must be completed with a grade of D or higher. This course is for Juniors or Seniors only. Offered: spring semester.

## **LIN - Linguistics**

### **LIN 151 - Topics in Linguistics (1-4)**

Content varies.

Distribution: (HFA). Prerequisite: Consent of instructor. Offered: Offered as needed.

### **LIN 210 - Basic Linguistics (4)**

An introduction to the study and description of language according to the principles of modern linguistics.

Distribution: (HFA). Offered: fall semester.

### **LIN 217 - ESOL Foundations (4)**

This course is designed to provide pre-service teachers at the undergraduate level with a knowledge base in applied linguistics; a broad understanding of the theoretical underpinnings of the field of second language acquisition; and familiarity with issues in culture, cross-cultural communication, language instruction, and assessment in order to meet the educational, linguistic, and cultural needs of English Language Learners (ELLs) as mandated by the ESOL Consent Decree in the state of Florida. The course will address theoretical constructs of the field as well as exemplify research-based practical applications in the classroom for meeting the academic and communication needs of English Language Learners.

Distribution: (HFA). Prerequisite: Education majors only. Offered: fall and spring semesters.

### **LIN 251 - Topics in Linguistics (1-4)**

Content varies.

Distribution: (HFA). Prerequisite: Consent of instructor. Offered: Offered as needed.

### **LIN 310 - Applied Linguistics (4)**

This course deals with principles of linguistics, methodologies employed by linguists working in linguistic variation in diverse contexts significant across social/ethnic/cultural strata and domains of interaction, and application in the professional setting. Includes, language acquisition, learning and teaching, and the psychology of language.

Distribution: (HFA).

### **LIN 320 - Second-Language Acquisition (4)**

Students will learn about theories and research of second language acquisition. This course is designed for students who may have an interest in teaching a second language. Some topics covered will be language acquisition, language production and instruction.

Distribution: (HFA).

### **LIN 330 - Introduction to Sociolinguistics (4)**

This course presents an introduction to Sociolinguistics, the discipline within the field of linguistics concerned with the systematic investigation of human language in relation to the social world.

Distribution: (HFA).

### **LIN 351 - Topics in Linguistics (1-4)**

Content varies.

Distribution: (HFA). Prerequisite: Consent of instructor. Offered: Offered as needed.

### **LIN 451 - Topics of Linguistics (1-4)**

Content varies.

Distribution: (HFA). Prerequisite: Consent of instructor. Offered: Offered as needed.

## **LIT - Literature**

### **LIT 117 - War in Literature and Film (4)**

Explores the vicarious experience of warfare and the practical and moral problems associated with command.

Distribution: (A) (HFA).

### **LIT 118 - Fairy Tales in Cultural Contexts (4)**

This course begins by exploring 15th and 16th century fairy tales as they were recorded from oral culture. Students will then study contemporary revisions as they occur in both literature and film, examining the way contemporary writers and filmmakers challenge social and/or political conventions.

Distribution: (A) (HFA).

### **LIT 120 - Introduction to Literary Studies (4)**

This course introduces students to the foundational categories and concepts of contemporary literary studies. Students will learn about the defining features of major textual genres, as well as the key terms involved in their literary and linguistic analysis. Students will also practice key skills such as scansion, close reading, and lexical inquiry through class discussion and short essays. Course readings will include examples of major literary genres and elementary literary criticism. The course will also discuss professional preparation for humanities majors.

Distribution: (HFA). Prerequisite: Pre- or corequisite: AWR 101. Offered: Spring semester.

### **LIT 126 - Literature and Film Classics (4)**

A study of the techniques, history and development of selected literature and film classics. Content may vary depending on instructor.

Distribution: (A) (HFA).

### **LIT 140 - Introduction to the Novel (4)**

An introduction to one of the most popular literary genres, the novel, with particular focus on the varied relations novelists establish between individual and society, audience and storyteller, to entertain, unsettle and inspire readers.

Distribution: (HFA).

### **LIT 150 - Introduction to Poetry (4)**

This course will investigate the roots, elements and nature of poetry in an effort to make poetry a rich source of pleasure for a lifetime. We will read poetry of all types from all ages, with an emphasis on modern and contemporary.

Distribution: (A) (HFA).

### **LIT 171 - Topics in Literature (4)**

An introductory study of fiction, non-fiction, drama or poetry for majors and non-majors. May be repeated if the content varies.

Distribution: (A)(HFA). Offered: Varies when offered.

### **LIT 200 - Introduction to Shakespeare (4)**



An introduction to the plays and poems of William Shakespeare, including a survey of the texts and an introduction to the staging and poetry of the work. The objectives of this course are to familiarize students with the work and techniques of a great poet and playwright. For English and writing majors, it is essential. For all students, a familiarity with Shakespeare is a cornerstone of a well-rounded liberal arts education.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **LIT 201 - World Literature I (4)**

A survey of major world authors from the ancient world through the Renaissance.

Distribution: (A) (HFA) (IG). Offered: Varies when offered.

#### **LIT 202 - World Literature II (4)**

A survey of major world authors from the 18th century to the present.

Distribution: (A) (HFA) (IG). Offered: Varies when offered.

#### **LIT 206 - British Literature I (4)**

A survey of major authors and literary trends up to the 18th century.

Distribution: (A) (HFA). Offered: Varies when offered.

#### **LIT 207 - British Literature II (4)**

A survey of major authors and trends from the 19th century to the present. LIT 206 is not a prerequisite for LIT 207.

Distribution: (A) (HFA). Offered: Varies when offered.

#### **LIT 208 - American Literature I (4)**

A survey of major authors and literary trends from colonial and revolutionary periods to the westward expansion.

Distribution: (A) (HFA). Offered: Varies when offered.

#### **LIT 209 - American Literature II (4)**

A survey of major authors and literary trends from the Civil War to modern times.

Distribution: (A) (HFA). Offered: Varies when offered.

#### **LIT 214 - Introduction to Literary Theory (4)**

This course introduces students to the shared vocabulary of humanistic scholarship that has developed from aesthetic philosophy, literary and art criticism, and cultural studies. Students will read foundational texts from these traditions and apply their methodologies to analyze contemporary cultural objects in their written work.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101. Offered: Fall semester.

#### **LIT 221 - Foodways: Literature, Food, and Culture (4)**

This cultural studies course explores the intersection of food, literature, history and culture, which means it concerns the way food is represented, manipulated, sold, eaten, cooked, distributed, marketed, grown, and discussed.

Distribution: (A)(HFA). Offered: Varies when offered.

#### **LIT 222 - Rebellions, Revolutions, and Reform (4)**

This course investigates literature that concerns the relationship of those in power to the people over whom they have authority and the resulting rebellions, revolutions, and reform movements.

Distribution: (HFA). Prerequisite: AWR 101. Offered: Spring semester.

#### **LIT 229 - Contemporary African Literature (4)**

A survey of contemporary African authors.

Distribution: (A) (HFA) (IG) (NW) (W). Offered: Varies when offered.

#### **LIT 233 - Trauma Narratives: Africa (4)**

Students will learn to understand and explain the issues, terms and concepts involved in discussing African literature. They will be able to identify and define the basic concepts and narrative techniques of trauma literature. They will analyze selections of African fiction dealing with human-made and deliberately perpetrated traumas. They will also develop tentative conclusions about the nature and craft of African trauma narratives, how they differ from other trauma literatures and how they evolve African and postcolonial literatures. Students will lead peers in discussions on the core issues/texts of the course and write a clear, well-developed and organized essay that demonstrates rigorous critical thinking, mastery of writing skills and competence in integrating and documenting research.

Distribution: (A) (HFA) (IG) (NW). Offered: Varies when offered.

#### **LIT 238 - Women's Literature (4)**

This course critically examines women's writing and may incorporate a variety of genres, including fiction, non-fiction, poetry and drama. The texts come from a variety of traditions, from classic texts by women writers to the avant-garde, and from a variety of historical and literary periods.

Distribution: (A) (HFA) (IG) (W). Offered: Varies when offered.

#### **LIT 240 - Contemporary Themes: Memoir (4)**

A study of selected contemporary memoir. Content will vary depending on instructor.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **LIT 251 - Literary History I (4)**

This course introduces students to a selection of texts drawn from periods up to the age of imperialism. It examines the beginnings and development of literary traditions in classical and vernacular languages. Methodologically, the course investigates the contexts of texts and literary movements, and analyzes their genres, questions the concept of periodization, and situates literature in its cultural and historical moment(s).

Distribution: (HFA). Prerequisite: AWR 101. Offered: Fall semester.

#### **LIT 252 - Literary History II (4)**

This course examines texts from the age of imperialism to the present. It traces the global spread of texts through colonial networks, and investigates the literary and cultural consequences of an increasingly globalized world. Methodologically, this course investigates the contexts of texts and literary movements, and analyzes how genre forms travel, looks at periodization from a global perspective, and positions texts in their cultural and historical moments(s).

Distribution: (HFA). Prerequisite: AWR 101. Offered: Spring semester.

#### **LIT 257 - The Contemporary Novel (4)**

A study of selected novels by major contemporary authors.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **LIT 265 - History of the English Language (4)**

An introduction to the history and development of the English language through literary texts and secondary sources.

Distribution: (HFA). Offered: Varies when offered.

#### **LIT 270 - Topics in Literature (4)**

A study of traditional or experimental fiction, non-fiction or poetry at the introductory level. May be repeated if the content varies.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **LIT 280 - Flashpoints (4)**

This course examines past or present issues and conflicts in popular culture as they are represented in literature.

Distribution: (HFA). Prerequisite: AWR 101. Offered: Spring semester.

#### **LIT 281 - Identity and Difference (4)**

This course introduces students to how texts have been used to divide people or bring them together. Students will cover major theoretical texts dealing with gender, citizenship, race, language, and ethnicity. Additional readings will be drawn from literary, legislative, and juridical primary sources that illustrate the interplay between popular media, discrimination, and empowerment. Writing assignments will ask students to apply their theoretical knowledge to explain contemporary and historical examples of oppression and liberation.

Distribution: (HFA). Prerequisite: AWR 101. Offered: Fall semester.

#### **LIT 285 - Topics in Drama (4)**

A study of different subjects, themes, and periods in drama at the introductory level. May be repeated if content varies.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **LIT 300 - The Romantic Writers (4)**

A study of the Romantic Movement from Blake to Keats.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: fall semester.

#### **LIT 301 - The Victorian Writers (4)**

A study of Victorian literature from Carlyle to Kipling.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 303 - Modern Poetry (4)**

An introduction to the major poets and schools of modern and contemporary poetry in England and the United States.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 307 - Shakespeare's Romances and Tragedies (4)**

An advanced study of several of Shakespeare's finest romances and tragedies, involving a close analysis of the texts and incorporating a thorough grounding in the Renaissance mindset.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 308 - Shakespeare's Comedies and Histories (4)**

An advanced study of several of Shakespeare's finest comedies and history plays.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 309 - Advanced Drama (4)**

Studies include Elizabethan, Restoration or contemporary drama. May be repeated if content varies.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 312 - Contemporary World Literature (4)**

A selection of today's major living authors from around the world.

Distribution: (A) (HFA) (IG) (NW) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 313 - Literary Genres (4)**

This course will focus on one genre or a select set of genres through which students will approach literature.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, and ENG 305. Offered: Fall semester.

**LIT 314 - Literary Places (4)**

Recognizing that literary production does not happen in the abstract but in specific places, this class offers an in-depth investigation of how place facilitates collaboration and dissent among authors and exerts an influence on their works. The course will focus on works from a specific place, to be chosen by the instructor, from which students will read extensively. Students will also read critical and historical material about the place. Informed by these readings, students in their written work will research some aspect of the relationship between the place and the work produced in it.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, and ENG 305. Offered: Spring semester.

**LIT 318 - Fiction (4)**

A study of traditional or experimental novels or short fiction. May be repeated if content varies.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 324 - Post-Colonial Literature and Theory (4)**

This course is designed to focus on a variety of colonial and post-colonial literatures in Africa, the Caribbean, Indonesia or Latin America. It is a study of the representation of personal, racial and national identity in works from the selected region, written during the period of struggle against colonialism and afterwards. May be repeated if content varies.

Distribution: (A) (HFA) (IG) (NW) (W). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 325 - The Eighteenth Century (4)**

Studies the major authors of the neoclassical period.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. May be repeated if content varies. Offered: Varies when offered.

**LIT 334 - The Medieval Vision (4)**

Investigation of medieval views of the world and humankind through close reading of several literary masterpieces.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 335 - English Renaissance Literature (4)**

The poetry, prose and drama of England's most glorious literary period, the 16th and 17th centuries.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 337 - Multiethnic U.S. Literature and Film (4)**

This course explores four major ethnic heritages - Native American, Hispanic, African American and Asian American - through contemporary literature and film.

Discussion of the unique historical background casts light upon multicultural expression in literature and film. Other arts, such as dance, music and folklore, enrich our appreciation of each community's artistic identity.

Distribution: (A) (HFA) (NW). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 340 - Major Poets (4)**

Close reading and analysis of one or more major poets. May be repeated if content varies.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 347 - Irish Literature (4)**

A study of Irish fiction, drama, poetry, memoir and film of the 20th and 21st centuries. Includes the influences of colonialism, politics, sectarianism, religion and notions of family and women's roles on this body of literature. Includes a study of major writers from the early part of the 20th century, such as James Joyce, and their influence on contemporary writers.

Distribution: (A) (HFA) (IG) (W). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 348 - Sex and Seduction in the Early American Republic (4)**

This course examines sex, gender and marriage in literature of the early American republic (1775-1815) via its rogues, flirts, virgins, crossdressers, fallen women, mothers, fathers, husbands and wives. In particular, the course will be scrutinizing seduction, didacticism, gender construction and republican mother/wifeness. We will also read, write about and evaluate current scholarship concerning these issues.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 350 - Topics in Literature (4)**

This is a special topics course at the 300 level. The course will incorporate an advanced study of a topic and/or genre. The course material may be from any historical period and may include any nationality, ethnicity, etc. Course may be repeated if content varies.

Distribution: (HFA) (W). Prerequisite: AWR 101, AWR 201, and one literature course; or permission of the instructor. Offered: Varies when offered.

**LIT 360 - Major Authors (4)**

An in-depth study of one or more influential writers.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, and ENG 305. Offered: Fall semester.

**LIT 425 - Seminar (4)**

A capstone course focused on a defined area of literary study, such as a major author, literary movement or genre. Content varies depending on

instructor. Especially recommended for students going on to professional or graduate school.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 430 - Literary Criticism (4)**

A study of significant contemporary literary theories. Selected approaches to literary texts may include formalist, Freudian, reader response, poststructural, cultural and new historicist criticism.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 450 - Topics in Literature (1-4)**

Deals with different subjects each time course is offered and may be repeated for credit.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Varies when offered.

#### **LIT 490 - Literature Thesis (4)**

Students will produce advanced, research-based writing in a field of literary studies.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, and ENG 305. Offered: Spring semester.

#### **LIT 495 - Directed Reading (1-4)**

A program of directed readings and related writing assignments agreed upon by individual students and professors. May be repeated if content varies.

Distribution: (HFA). Prerequisite: AWR 101, AWR 201, one literature course; or permission of the instructor. Offered: Offered as needed.

## **LJA - Law, Justice and Advocacy**

#### **LJA 204 - Introduction to Law, Justice, and Advocacy (4)**

An examination of the role of laws in society, the fundamental sources of law, and the legal system and its procedures. Develops the skills for legal research, writing and analysis. Introduces the substantive areas of constitutional, contract and criminal law and torts.

Distribution: (SS) (W). Offered: fall and spring semesters.

#### **LJA 211 - Legal Research and Writing (4)**

This course will introduce students to legal research and writing, general legal terminology and various legal concepts. It will also introduce students to composing and editing legal writing.

Distribution: (W). Offered: fall and spring semesters.

#### **LJA 315 - Appellate Advocacy (4)**

The course focuses on persuasive writing and oral advocacy. Specifically, the students will write an appellate brief and make oral arguments using a current or past hypothetical case developed by the American Collegiate Moot Court Association, resulting in an end of class mock appeal.

Distribution: (W). Prerequisite: LJA 204 or LJA 211. Offered: fall and spring semesters.

#### **LJA 316 - Trial Advocacy (4)**

The course will focus on trial advocacy, process and evidence. Students will develop strategy, organize delivery, and apply critical thinking to a case problem, resulting in an end-of-class mock trial.

Prerequisite: LJA 204. Offered: fall and spring semesters.

#### **LJA 400 - Mock Trial Tournament (4)**

This is an advanced and intense trial advocacy experience. Students must have the approval of the assigned professor to register. To be selected for the course, students must earn a B or better in Trial Advocacy (LJA 316) during the fall semester, and earn high scores from mock judges during an in-class, end-of-fall-semester mock trial competition. Selected students will participate in a seven-week intensive preparation for an American Mock Trial Association regional tournament (held in either February or March of the spring term). This is a pass/fail class.

#### **LJA 401 - Moot Court Tournament (4)**

This is an advanced and intense appellate advocacy experience. In teams of two, students develop legal arguments on a hypothetical case developed by the American Moot Court Association. Each student is responsible for both petitioner and respondent positions on an assigned constitutional issue. Over the course of the semester, students will learn Supreme Court precedent for the constitutional issues that underwrite the hypothetical case, practice oral arguments in class, and compete in a regional tournament of the AMCA. Students will be required to submit a written brief.

Prerequisite: LJA 315.

#### **LJA 450 - Independent Study (1)**

An applied, experiential moot court or mock trial experience, which involves case-problem readings and participation in either moot court or mock trial tournaments. The course must be under the direction of a full-time LJA professor, and the subject matter will depend on the yearly national case problems devised by The American Mock Trial Association and The American Collegiate Moot Court Association.

One credit only, repeatable up to a maximum of four credits.

Prerequisite: LJA 315 or LJA 316.

## **MAPC - Master of Arts in Professional Communication**

#### **MAPC 601 - Leadership and Professional Communication (4)**

This course is the initial experience in the Master of Arts in Professional Communication program. This

course (re) acquaints students with communication theory, strategic leadership principles, and theories and praxes of professional presentation.

Students will engage in a professional inventory of self-study that involves current work and educational practices in conjunction with study of integrated marketing-management principles as they relate to leadership of an organization, communication strategies, and interpersonal communication. These practical and theoretical endeavors will aid in the creation of professional presentation of self and work. In short, the study of communication theory of leadership will combine with projects unique to the student for a resulting excellent presentation.

Offered: Continuous.

#### **MAPC 602 - Global Communication Design (4)**

In this course, we focus on the fundamentals of global professional communication in both written and visual contexts. We draw from your professional and academic background to enhance your knowledge of intercultural considerations for professional correspondence. This course offers a foundation in intercultural communication, effective professional writing, and visual design. It also provides a brief grammar refresher as well as direct application to recent case studies.

Offered: Continuous.

#### **MAPC 603 - Organizational and Strategic Communication (4)**

This course examines the role of communication within organizations and systems of behavior. Students will study theory and its application to real life examples. Once the foundation of organizational communication is established, students will then explore strategic communication and engage in activities to help them identify best communication practices in a global world.

Offered: Continuous.

#### **MAPC 604 - Conflict Resolution (4)**

This course examines the role of communication during interpersonal conflict. It will train students to critically evaluate conflict situations by studying theory and then applying it via in class role plays and simulations. From learning about sources of conflict to various types of conflict resolution strategies, students will also gain advanced communication skills. The course includes critical analysis and application of theory to real life conflict situations.

Offered: Continuous.

#### **MAPC 605 - Data Analytics and Research Strategies (4)**

In this course, students will learn how to identify communication problems; form research questions and hypotheses; employ a variety of methods to collect and

analyze data; report their findings and make recommendations.

Offered: Continuous.

#### **MAPC 610 - Digital Communication Practice (4)**

Students will learn strategies, tactics, and tools to develop effective online content, messaging, branding, imaging, and search engine optimization to meet goals of an organization using performance measures. Media planning and production will be based on market and audience analysis. Projects will include social media content development and curation, website production for multiple formats, video and 2-D production, augmented reality and mobile app conceptualization, and writing for online platforms and marketing reports.

Offered: Continuous.

#### **MAPC 611 - Emerging Technologies (4)**

Emerging Technologies and Applications is a course that studies the current and upcoming status of technologies in relation to professional communications and leadership strategies. This hands-on course will explore open source and emerging tools related to visual and aural media, immersive tools, mixed and virtual realities, alternative and embedded screens, physical computing, biosensors, trackers etc., and how those tools provide essential data on how clients and users interact with products.

Offered: Continuous.

#### **MAPC 612 - Ethics and Communication Law (4)**

This course examines the role of law and ethics in communication. Topics include an overview of the American legal system, the first amendment, and other legal or ethical communication issues. Students will learn about a wide range of communication issues including communication in the digital space. By the end of the course students will be able to recognize best contemporary ethical and professional practices in communication.

Offered: Continuous.

#### **MAPC 613 - Popular Communication (4)**

In this course, we focus on popular communication and contemporary issues as they relate to the field of communication and its impact on professional practice. In other words, what communication case studies and theories most impact communication practice at work, academia, family, and life? Popular communication often encompasses media and popular culture criticism. This course takes a step over and uses practices from that praxis to understand critical issues facing communication practice today. Topics include: entrepreneurship and sales communication, business communication

Offered: Continuous.

#### **MAPC 614 - Issues in Communication (4)**

MAPC 614 provides an overview of relevant issues in communication scholarship. We focus on 3 areas within the field of communication: ethics, health, and

technology/globalization. These areas are separated into 3 modules with the expectation for the class to accept the challenge of locating common threads that connect the 3 as well as highlighting the distinct differences of each area of interest. Each of these 3 areas will engage a range of readings considered timely and/or foundational. Students earn a final grade based on the 3 tests they take as well as 3 papers and in-class participation

Offered: Continuous.

#### **MAPC 615 - Communication in Motion (4)**

This one-semester course will investigate the functional and expressive aspects of human movement for the professional communicator. Students will explore, analyze and assess movement within professional contexts in an effort to support presentations and communication methods.

Offered: Continuous.

#### **MAPC 616 - Communication in the Academy (4)**

This advanced-level organizational communication course respects academic spaces as a series of systems and students will study the communication conduit through the lens of the educational professional.

Offered: Continuous.

#### **MAPC 617 - Creativity, Mindfulness, and Practice of Communication (4)**

This course explores the theory and practice of creativity and mindfulness. You will be introduced to interdisciplinary research on creativity and embodied cognition and you will learn specific techniques of mindfulness and mindful movement that can be applied to communicating in words, images, and gestures. We will critically evaluate both the theories and the concrete mind-body practices and connect them to real-world situations of professional communication, collaboration, or conflict.

Offered: Continuous.

#### **MAPC 690 - Independent Study in MAPC (1-4 Variable)**

An independent study that provides students with specific directed inquiry related to their interests as related to the master of arts in professional communication and its varied sub-disciplines of communication. Students will work with a professor to create the study plan and complete the work.

Offered: Continuous.

#### **MAPC 700 - Capstone in Professional Communication (4)**

The capstone experience is designed as the conclusive experience in the Master of Arts in Professional Communication. The capstone experience is largely independent, and students will choose a faculty advisor with whom to formulate a process and complete a project. The syllabus highlights the procedures, objectives, outcomes, and guidelines for the MAPC 700 capstone in professional communication.

Offered: Continuous.

## **MAR - Marine Science**

#### **MAR 100 - Open Water (2)**

Any student under medical care or on prescription medication must see the instructor before registering for this course. This is a PADI Open Water SCUBA course that teaches safe diving procedures and the use of diving equipment. The course involves lectures, pool sessions and two weekend days for the certification dives. Equipment is provided, except for snorkeling equipment. Transportation is not provided for the student for the weekend dives. Laboratory fee: \$190.

Prerequisite: Students must show swimming proficiency.

#### **MAR 102 - Advanced Open Water (1)**

Any student under medical care or on prescription medication must see the instructor before registering for this course. This is a PADI Advanced SCUBA course covering topics on navigation, deep diving (60-100 feet), boat diving and drift diving. The course involves lectures and three weekend days for the certification dives. Equipment is provided, except for snorkeling equipment. Transportation is not provided for the student for the weekend dives. Laboratory fee: \$320.

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification from a recognized international organization (SSI, NASDS, etc.).

#### **MAR 103 - Rescue Diver (1)**

Student must be current in first aid and CPR by the first week of this course. Course topics cover SCUBA-related rescue techniques and emergency procedures. The course involves lectures, pool sessions and a one-day weekend dive trip for the certification dives. Equipment is provided, except for snorkeling equipment. This course is only offered during the second seven weeks of the fall semester. Laboratory fee: \$175.

Prerequisite: PADI Advanced Open Water certification (MAR 102) or equivalent valid certification from a recognized international organization (SSI, NASDS, etc.). Offered: fall semester.

#### **MAR 104 - PADI Divemaster (2)**

Course description: Students learn how to organize and plan safe and successful dives for dive groups, and supervise students in training. PADI Divemaster certification may be applied for through PADI Headquarters after successful completion of the course requirements. The course involves lectures, pool sessions, and a minimum of two weekends of diving. Some SCUBA equipment is provided for use. It is recommended that students have all of their own diving equipment except air tanks. Course offered only during the spring semester. Laboratory fee: \$320.

Prerequisite: PADI Rescue Diver certification (MAR 103). Student must have proof of 20 dives. Offered: spring semester.

**MAR 126 - Marine Biology (3)**

Designed for non-science majors. A survey of marine biology including a discussion of the basic marine environments, natural history of marine animals, special adaptations of marine mammals, elementary marine chemistry, marine plants and their economic importance, and the impact of pollution on marine ecosystems. Partially satisfies natural science distribution requirements of the baccalaureate experience, but is not applicable toward a marine science or biology majors or minors. Lecture only.

Distribution: (NS). Offered: fall and spring semesters.

**MAR 1021 - Specialty Diver, part 1 (1)**

This PADI diving course covers three specialty dive certifications: Enriched Air Nitrox, Peak Buoyancy and Equipment Specialist. The course involves lectures and one weekend day for the certification dives. Equipment is provided, except for snorkeling equipment. This course is offered only during the first seven weeks of the spring semester. Note: Specialty Diver, part 2, may be taken before Specialty Diver, part 1. Laboratory fee: \$200.

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification. Offered: spring semester.

**MAR 1022 - Specialty Diver, part 2 (1)**

During this course, the student completes two specific PADI specialty diver certifications: Boat Diver and Drift Diver Specialist. The course involves lectures and a two-day weekend dive trip for the certification dives. Equipment is provided, except for snorkeling equipment. This course is offered only during the second seven weeks of the spring semester. Note: Specialty Diver, part 2, may be taken before Specialty Diver, part 1. Laboratory fee: \$260.

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification from a recognized international organization (SSI, NASDS, etc.). Offered: spring semester.

**MAR 200 - Introduction to Marine Science (3)**

This course is intended as a broad introduction to marine science that will serve as a foundation for more advanced coursework in one or more of the disciplines introduced in this course. Topics covered in this course will include: 1) the physical geology of the earth with special emphasis on ocean basins; 2) the physical properties of water as they relate to tides, currents, waves and climate modulation; 3) the chemistry of seawater with regard to dissolved elements and gasses; and 4) a broad overview of life in the oceans. May only be used to satisfy major requirements in marine-science biology, biology, or environmental science majors. Lecture only.

Distribution: (NS). Offered: fall and spring semesters.

**MAR 201 - Origins & Evolution of the Marine Environment (4)**

This course will explore the origins and evolution of the earth (starting at the big bang/universe), the atmosphere, biology, and methodology employed to elucidate these evolutions. Students will then apply this knowledge to modern physical and geological processes shaping the marine environment, influencing climate change, and creating the interface between the terrestrial and marine environments. The evolution of the marine environment is an important concept as these primordial processes shaped much of what is currently studied in the oceans. Having a clear grasp of the influence of geology, physics, and biochemistry gives insight into to modern environmental analogues. The past is the rosetta stone to the future.

Distribution: (NS) (Category III). Prerequisite: MAR 200. Corequisite: MAR 201L. Offered: fall semester.

**MAR 201L - Origins & Evolution of the Marine Environment Laboratory (0)**

This course will explore the origins and evolution of the earth (starting at the big bang/universe), the atmosphere, biology, and methodology employed to elucidate these evolutions. Students will then apply this knowledge to modern physical and geological processes shaping the marine environment, influencing climate change, and creating the interface between the terrestrial and marine environments. The evolution of the marine environment is an important concept as these primordial processes shaped much of what is currently studied in the oceans. Having a clear grasp of the influence of geology, physics, and biochemistry gives insight into to modern environmental analogues. The past is the rosetta stone to the future.

Prerequisite: MAR 200. Corequisite: MAR 201. Offered: fall semester.

**MAR 222 - Marine Ecology (4)**

Studies the interactions between marine organisms and their biotic and abiotic ocean environment, including an investigation of the distribution, abundance and diversity of organisms in the sea, the causes of these patterns and the roles of these species in marine ecosystems. The course and its companion laboratory address marine systems from an experimental perspective with an emphasis on experimental design, statistical data analysis, quantitative skills and techniques in scientific writing. Two weekend field trips are required.

Distribution: (W) (NS) (Category III). Prerequisite: Biology lower-core curriculum and MAR 200. Corequisite: MAR 222L. Offered: spring semester.

**MAR 222L - Marine Ecology Laboratory (0)**

Studies the interactions between marine organisms and their biotic and abiotic ocean environment, including an investigation of the distribution, abundance and diversity of organisms in the sea, the causes of these patterns, and the roles of these species in marine ecosystems. The course and its companion laboratory address marine systems from an experimental perspective with an emphasis on

experimental design, statistical data analysis, quantitative skills, and techniques in scientific writing. Two weekend field trips are required.

Prerequisite: Biology lower-core curriculum and MAR 200. Corequisite: MAR 222. Offered: spring semester.

#### **MAR 226 - Marine Invertebrate Zoology (4)**

A study of the taxonomy, ecology and behavior of marine invertebrates. Examines local fauna and habitats through field-oriented studies. Requires some Saturday field trips.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum and MAR 200. Corequisite: MAR 226L. Offered: fall semester.

#### **MAR 226L - Marine Invertebrate Zoology Laboratory (0)**

A study of the taxonomy, ecology and behavior of marine invertebrates. Examines local fauna and habitats through field-oriented studies. Requires some Saturday field trips.

Prerequisite: Biology lower-core curriculum and MAR 200. Corequisite: MAR 226. Offered: fall semester.

#### **MAR 301 - Physical Oceanography (4)**

A study of the physical properties of seawater, global heat balance, hydrodynamics, ocean currents, waves, tides, and underwater sound and optics. Lecture only.

Distribution: (NS). Prerequisite: Prerequisite or Corequisite: PHY 201 or PHY 206. Offered: spring semester.

#### **MAR 310 - Biological Oceanography (4)**

Introduction to marine organisms, factors controlling their distribution and abundance, and the adaptations to and interactions with their environment. This course will emphasize the importance of trophic interactions in biogeochemical cycling, carbon flow, productivity and climate control. At least one weekend field excursion will be required.

Distribution: (NS) (Category III). Prerequisite: Biology lower-core curriculum, MAR 200. Corequisite: MAR 310L. Offered: fall semester.

#### **MAR 310L - Biological Oceanography Laboratory (0)**

Introduction to marine organisms, factors controlling their distribution and abundance, and the adaptations to and interactions with their environment. This course will emphasize the importance of trophic interactions in biogeochemical cycling, carbon flow, productivity and climate control. At least one weekend field excursion will be required.

Prerequisite: Biology lower-core curriculum, MAR 200. Corequisite: MAR 310. Offered: fall semester.

#### **MAR 327 - Marine Botany (4)**

Studies the ecology, physiology and communities of marine primary producers with emphases on Tampa Bay and the Gulf of Mexico. Topics explored are

phytoplankton, benthic macroalgae, mangroves, seagrass and saltmarsh communities.

Distribution: (NS) (Category II). Prerequisite: Biology lower-core curriculum and MAR 200. Corequisite: MAR 327L. Offered: fall and spring semesters.

#### **MAR 327L - Marine Botany Laboratory (0)**

Studies the ecology, physiology and communities of marine primary producers with emphases on Tampa Bay and the Gulf of Mexico. Topics explored are phytoplankton, benthic macroalgae, mangroves, seagrass and saltmarsh communities.

Prerequisite: Biology lower-core curriculum and MAR 200. . Corequisite: MAR 327. Offered: fall and spring semesters.

#### **MAR 344 - Coral Reefs (4)**

This course examines coral reef ecosystems, including their biology, ecology, geologic setting, chemical and physical characteristics and the impact of global climate change on this ecosystem type. Immediately after the end of the spring semester, students will participate in a 14-day study abroad experience at the Roatan Institute of Marine Sciences on the island of Roatan in Honduras.

Distribution: (NS) (Category II). Prerequisite: BIO 198, BIO 198L, BIO 199, and BIO 199L, permission of instructor; MAR 100 or its equivalent is required. Offered: occasionally.

## **MAT - Mathematics**

Credit cannot be earned in mathematics courses that are prerequisites for courses already completed.

#### **MAT 150 - Introductory Algebra (4)**

A study of the basic concepts of algebra such as first-degree equations, factoring, rational expressions, graphing, quadratic equations, exponents and radicals. May not be used to satisfy general distribution requirements of the Baccalaureate Experience.

Offered: fall and spring semesters.

#### **MAT 155 - Finite Mathematics for Liberal Arts (4)**

Appropriate as a general distribution requirement for liberal arts students. Topics include social choice (voting, fair division, and apportionment), management science (graph theory), financial mathematics, probability and statistics (probability and odds, five number summaries and standard deviation, normal distributions, and linear regression).

Prerequisite: MAT 150 or equivalent. Offered: fall, spring and summer semesters.

#### **MAT 160 - College Algebra (4)**

Topics include functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, and matrices.

Prerequisite: MAT 150 or equivalent. Offered: fall, spring and summer semesters.



**MAT 170 - Precalculus (4)**

This course covers exponential and logarithmic functions, trigonometric functions, analytic trigonometry, applications of trigonometric functions and polar coordinates.

Prerequisite: MAT 160 or equivalent. Offered: fall, spring and summer semesters.

**MAT 180 - College Geometry (4)**

This course covers the basic concepts of geometry to include properties of geometric shapes, transformations, similarity, problem solving and proof writing. May not be used to satisfy general distribution requirements of the Baccalaureate Experience.

Prerequisite: MAT 160 or equivalent. Offered: as needed.

**MAT 201 - Introduction to Statistics (4)**

An introduction to descriptive and inferential statistics, with applications in various disciplines using statistical computer software. May not be used to satisfy general distribution requirements of the Baccalaureate Experience.

Prerequisite: MAT 155 or equivalent (or higher). Offered: fall and spring semesters.

**MAT 225 - Calculus for Business (4)**

This course is designed to provide students with the fundamental components of differential and integral calculus, with a particular emphasis on those aspects of calculus that have applications to business. The course covers exponential and logarithmic functions, limits, differentiation and differentiation techniques, applications of the derivative (e.g., marginal cost, marginal revenue, rate of growth), anti-derivatives, the integral as an area, functions of several variables, and partial derivatives.

Prerequisite: MAT 160 or equivalent. Offered: fall, spring and summer semesters.

**MAT 260 - Calculus I (4)**

Covers limits, continuity, differentiation, applications of derivatives, integration, and integration by substitution.

Prerequisite: MAT 170 with a grade of "C" or higher, or equivalent. Offered: fall, spring and summer semesters.

**MAT 261 - Calculus II (4)**

Covers integration techniques and applications, parametric and polar curves, sequences and infinite series.

Prerequisite: MAT 260 with a grade of "C" or higher. Offered: fall and spring semesters.

**MAT 262 - Calculus III (4)**

Covers vectors in two and three dimensional space, partial derivatives, multiple integration and vector calculus.

Prerequisite: MAT 261 with a grade of "C" or higher. Offered: fall and spring semesters.

**MAT 270 -****Discrete Mathematics for Computer Science (4)**

This course is designed for majors in computer science. It covers basic aspects of discrete mathematics that are fundamental to digital computing. Topics include sets and relations, numbers and sequences, mathematical logic, elementary combinatorics, graph theory, and related algorithms.

Prerequisite: MAT 260 Calculus I. Offered: spring semester.

**MAT 271 - Computational Linear Algebra (4)**

Covers linear equations, matrices and determinants. Vector spaces and linear transformations. Inner products and eigenvalues. Emphasizes computational aspects of linear algebra and applications.

Prerequisite: MAT 261 or equivalent. Offered: fall semester.

**MAT 272 - Applied Statistics (4)**

This course provides the basic understanding of descriptive and inferential statistics, with applications in various disciplines. It gives the insight into how a statistician gathers, summarizes, and draws conclusions from real life data. This course covers the basics of statistical testing, regression analysis, experimental design, analysis of variance, and use of statistical software (especially R) to analyze data.

Prerequisite: MAT 225 or MAT 260 with a grade of "C" or higher. Offered: spring semester.

**MAT 285 - Programming with Mathematical Applications (4)**

This course teaches programming fundamentals such as program design and modularity, with an emphasis on mathematical applications. Mathematical fields from which problems will be drawn include number theory, linear algebra, statistics, differential equations, multivariable calculus and modeling.

Prerequisite: MAT 261 with a grade of "C" or higher. Offered: fall semester.

**MAT 299 - Introduction to Higher Mathematics (4)**

Covers proof techniques, basic set theory, relations and partitions, functions and cardinality.

Prerequisite: MAT 262 with a grade of "C" or higher. Offered: fall and spring semesters.

**MAT 300 - Differential Equations (4)**

Covers first-order differential equations with applications, higher-order differential equations with applications, systems of differential equations and numerical solutions of differential equations.

Prerequisite: MAT 262 with a grade of "C" or higher. Offered: spring semester.

**MAT 301 - Discrete Mathematics (4)**

Covers sets, induction, algorithms, recursion, matrices, relations, functions, digraphs, partially ordered sets, lattices, Boolean algebra, switching circuits, trees and combinatorial analysis.

Prerequisite: MAT 299 with a grade of "C" or higher.  
Offered: once every two years.

#### **MAT 308 - Linear Algebra (4)**

Covers systems of equations, matrices, vectors spaces and subspaces, dimension, linear transformations, eigenvalues and eigenvectors.

Prerequisite: MAT 299 with a grade of "C" or higher.  
Offered: once every two years.

#### **MAT 310 - Probability (4)**

The main objective of this course is to provide students with an introduction to probability and its applications. Basic ideas of probability and random variables, discrete probability functions, continuous probability densities, joint distributions, transformation of random variables, moments, and moment generating functions of random variables, and limit theorems will be discussed.

Prerequisite: MAT 262 with a grade of "C" or higher.  
Offered: fall semester.

#### **MAT 311 - Financial Mathematics (4)**

This course provides an understanding of the fundamental concepts of financial mathematics. Topics covered: interest rate measurement, time value of money, annuities, loan payment, bond, general cash flows and portfolios (yield curves, rates of return, and measures of duration and convexity), cash flow matching and immunization, and interest rate swaps.

Prerequisite: MAT 261 with a grade of "C" or higher.  
Offered: spring semester.

#### **MAT 401 - Real Analysis (4)**

Covers the theory of limits, continuity, differentiation and integration.

Prerequisite: MAT 299 with a grade of "C" or higher.  
Offered: once every two years.

#### **MAT 402 - Applied Regression Analysis (4)**

This course provides the basic understanding of regression analysis and its application in real life. The course focuses on both theory and application of simple and multiple linear regression, and logistic regression. Topics covered are correlation, simple and multiple linear regression, model assumptions, parameter estimation, inference on regression model and parameters, regression diagnostic, model selection, multicollinearity, linear models with qualitative predictors, logistic regression, polynomial regression, and introduction to time series analysis. Students are required to analyze real-life datasets using statistical software.

Prerequisite: MAT 310 or equivalent. Offered: once every two years.

#### **MAT 410 - Complex Analysis (4)**

Covers complex numbers, analytic functions, elementary functions, integrals, series, residues and poles.

Prerequisite: MAT 299 with a grade of "C" or higher.  
Offered: once every two years.

#### **MAT 414 - Actuarial Mathematics P (2)**

Actuarial Mathematics P is intended for, but not limited to actuarial science majors. The course covers the basic principles of insurance and risk management and introduces students to the actuarial profession. Students learn most of the content of Society of Actuaries (SOA) Exam P in Probability course. This course has a problem-solving approach, where probability theory is applied to solve problems related to quantitative assessment of risk and prepare students for SOA Exam P.

Prerequisite: MAT 310 with a grade of "C" or higher.  
Offered: spring semester.

#### **MAT 415 - Actuarial Mathematics FM (2)**

Actuarial Mathematics FM is intended for, but not limited to actuarial science majors. Students learn most of the content of the Society of Actuaries (SOA) Exam FM in Financial Mathematics course. This course, in particular, has a problem-solving approach, where mathematics is applied to solve problems related to topics of interest theory, and prepares students for SOA Exam FM.

Prerequisite: MAT 311 with a grade of "C" or higher.  
Offered: fall semester.

#### **MAT 420 - Modern Abstract Algebra (4)**

Covers the theory of groups, rings and fields.

Prerequisite: MAT 299 with a grade of "C" or higher.  
Offered: once every two years.

#### **MAT 425 - Mathematical Statistics (4)**

Mathematical Statistics is intended, but not limited to mathematics and actuarial science majors. This course focuses on inferential statistics and the theory of estimation. It covers several different methods of estimation, including the method of moments and the method of maximum likelihood. Students will become familiar with the construction of confidence intervals for unknown parameters, and construction of hypothesis tests via the likelihood ratio.

Prerequisite: MAT 272 and MAT 310 with a grade of "C" or higher. Offered: once every two years.

#### **MAT 450 - Independent Study (1-4)**

Involves independent study directed by a full-time mathematics faculty member on a topic agreed upon by the faculty member and the student. May be repeated for credit if subject matter varies.

Prerequisite: Consent of department chair. Offered: fall and spring semesters.

#### **MAT 490 - Senior Seminar (1)**

This course is an in-depth study of a topic in actuarial science, computer science, data science, mathematics, or statistics. All topics should have a strong understanding in mathematical principles. Consultation with a faculty mentor, independent research and study, and a presentation of results are required.

Prerequisite: Senior standing in mathematics, mathematics with computer science, data science, or

actuarial science. Permission of the department chair is required. Offered: fall and spring semesters.

### **MAT 491 - Undergraduate Research in Mathematics (2)**

This course provides a research experience in different topics of mathematics. Students select a specific research topic to investigate in collaboration with the instructor. The research work culminates with a presentation at an undergraduate conference, and optionally a publication.

Prerequisite: MAT 299 with a grade of "C" or higher. If the class is taken in place of MAT 490, then the student must have completed at least four (4) mathematics courses numbered MAT 300 or above. Offered: fall and spring semesters.

### **MAT 495 - Internship in Mathematics (1-4)**

This internship exposes the student to a real-life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The internship might be paid or unpaid, for a variable number of credit hours (1-4). A student should work 56 hours for one credit hour. The internship should be in the actuarial field or other math-related fields, previously approved by the instructor.

Prerequisite: Junior or senior standing with a GPA of 2.25 or higher. Offered: every semester.

### **MAT 499 - Selected Topics (1-4)**

Subject may be chosen from point-set topology, partial differential equations, combinatorics, graph theory or other topics.

Offered: as needed.

## **MGT - Management**

### **MGT 330 - Principles of Management (4)**

This course studies the evolution and practice of the core management functions of planning, organizing, leading and controlling. A strong emphasis on leadership skills is integrated into the course content to provide the student with a framework with which to translate classroom theory and practice into individual and team performance in the accomplishment of organizational objectives.

Prerequisite: AWR 101 with a "C" or better, AWR 201, and COB requirements for taking 300-level courses. Offered: fall, spring and summer semesters.

### **MGT 340 - Human Resource Management (4)**

This course analyzes the acquisition, development and retention of human resources to accomplish the organization's strategic objectives appropriately, efficiently and economically. This course provides an overview of the functional areas within HRM and further examines the ethical and legal environment relevant to HRM, contemporary health and safety responsibilities and trends, and labor unions.

Additionally, the course surveys social, legal, and ethical international HRM issues.

Prerequisite: MGT 330 and all prerequisites for MGT 330. Offered: fall, spring and summer semesters.

### **MGT 345 - Organizational Behavior (4)**

This course examines how individual differences, group characteristics, and organizational culture influence people's behaviors in organizations. The course is organized around these three levels of analysis—individual, group, and organization—and highlights a number of skill areas required for managers to be effective in a diverse organizational setting. Essential skill areas covered in this course address diversity and inclusion, team-building, communication, motivation, conflict and conflict resolution, and ethical leadership.

Distribution: (W). Prerequisite: MGT 330 and all prerequisites for MGT 330. Offered: fall, spring and summer semesters.

### **MGT 350 - International Management (4)**

This course discusses the complexities of conducting business across borders and illustrates the unique challenges faced in international management, including the cultural, political, legal, and economic environment in the home and host country. It offers a managerial perspective of the strategies employed by companies to grow their businesses in the global marketplace and discusses the impact of culture in managing and leading in an international context.

Distribution: (W) (IG). Prerequisite: MGT 330 and all prerequisites for MGT 330. Offered: fall, spring and summer semesters.

### **MGT 355 - The Art and Science of Negotiation (4)**

This course focuses on the development of problem-solving and communication competencies relevant to a broad spectrum of negotiation settings from personal relationships to the global business environment. Students learn useful analytical frameworks to understand the effect of content and communication skills on the negotiation process and outcomes. Through the use of extensive role-playing, students have the opportunity to practice an array of negotiation techniques and to develop their communication and problem-solving skills.

Prerequisite: MGT 330 and all prerequisites for MGT 330. Offered: fall, spring and summer semesters.

### **MGT 360 - Sustainable Development: A New Business Paradigm (4)**

In a world of exploding population growth, diminishing natural resources, changing climate and instantaneous worldwide communications, businesses are being held to increasingly higher performance standards by increasingly larger numbers of stakeholders. Today's business leaders are responsible for the firms' financial, social, and environmental performance - the "triple-bottom line." Using management tools in sustainability and sustainable

development, students will be able to analyze business environments and develop corporate strategies that are responsive to the multiple stakeholders of the firm. Students will analyze sustainable business practices and identify best practices in the field.

Prerequisite: ECO 204, ECO 205 and junior standing. Offered: as needed.

**MGT 365 - Business Strategies for Emerging and the Base of the Pyramid Markets (4)**

Emerging and bottom of the pyramid (BOP) markets represent almost 90 percent of the world's population and offer great opportunities for businesses, and even greater challenges. This course describes the nature of emerging and BOP markets. Students will examine case studies that describe the innovation required of companies as they enter these marketplaces as well as the institutional voids inherent in these markets, voids that must be recognized and overcome in order for companies to be successful. Strategies for emerging and BOP markets will also be discussed and analyzed by students during the course of the semester.

Distribution: (IG) (NW). Prerequisite: ECO 204, ECO 205 and junior standing. Offered: fall and spring semesters.

**MGT 370 - Leadership and Change Management (4)**

When companies that get in front of change, they have a significant competitive advantage. Moreover, today's business environment demands a compressed time frame for initiatives, especially for entrepreneurial ventures. Unfortunately, 70% of change programs fail due to poor conceptualization or poor execution. Effective leadership is the key to success. This course prepares students to lead and manage change in today's dynamic business world. Students explore change management frameworks and practices, applying their knowledge to real-world situations and leadership challenges. Upon completion of this course, students will understand the leadership required to be successful in introducing and implementing change.

Prerequisite: LED 200 or MGT 330 or with permission of instructor. Offered: as needed.

**MGT 431 - Practical Strategic Assessment (4)**

Not open to graduate students. This course focuses on the application of strategic management skills and the knowledge gained from prior coursework. Students analyze an organization's situation, recognize strategic issues and make recommendations. The course utilizes a group project to challenge students' skills in critical thinking, speaking, writing, teamwork, and the ability to apply theory to real-world situations.

Distribution: (W). Prerequisite: Senior standing, BUS 221, ITM 220, FIN 310, MGT 330, MKT 300, and all prerequisites for the aforementioned courses. Offered: fall and spring semesters.

**MGT 450 - Born Global: International Entrepreneurship & Strategy (4)**

This course combines concepts from entrepreneurship and strategic management and applies them to international ventures, teaching students the intricacies of founding and managing firms that are "born global".

Prerequisite: Senior standing, all required 100-level and 200-level COB courses, MGT 330, and all prerequisites of the aforementioned courses. Offered: as needed.

**MGT 490 - Management Internship (1-8)**

This internship exposes the student to a real life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. Completion of this internship helps students partially attain the following goals of the College of Business. May not be used to satisfy major requirements. Approval of the department chair required.

Prerequisite: MGT 330, junior or senior standing and either a minimum cumulative GPA of 2.75 or a GPA of 3.0 in COB courses. Offered: fall and spring semesters.

**MGT 492 - Learning by Travel: Management and Leadership (4)**

By traveling internationally, this course is designed to give students an opportunity to develop leadership and management skills in a global context. The course examines the role of national cultural dimensions on behaviors related to leadership and management. The course focuses on developing important skills in global context including: communication, team building, motivation, and creativity.

Offered: as needed.

**MGT 495 - Special Topics in Management (4)**

A course offered at the discretion of the management department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering. Offered: as needed.

**MGT 499 - Independent Study in Management (1-4)**

A readings or independent studies course taken for variable credit. May not be used to satisfy major requirements.

Prerequisite: Minimum 3.0 GPA, consent of the department chair and COB associate dean.

**MGT 500 - Designing and Staffing Organizations (2)**

For graduate students only. This course covers theories and practices for successfully managing organizations and people. You will be introduced to a variety of concepts, tools and techniques that are important for assessing and navigating the changing business environment. Topics include elements of

decision-making; methods of organizing including recruiting, selecting, training/developing and retaining; and frameworks for initiating and monitoring change to enhance productivity and innovation.

Offered: fall, spring and summer semesters.

#### **MGT 602 - Leadership and Organizational Behavior (4)**

For graduate students only. This course engages students to understand how people behave in organizations with an emphasis on building a leader's perspective. Students explore models related to organizational behavior, including motivation, communication, culture, and team building. Students will also examine leadership concepts, including trust, power, diversity, ethics and their own personal leadership style and potential. Through experiential learning, readings and analyses, students develop an understanding of these concepts and how to utilize this body of knowledge to inspire others to achieve organizational goals. This class begins with an intensive weekend workshop involving a comprehensive business simulation.

Offered: fall and spring semesters.

#### **MGT 615 - Strategic Management (4)**

For graduate students only. This is the capstone course for the MBA. It focuses on business-unit and corporate-level strategy formulation and implementation. Through readings, case analyses and participation in the Strategic Analysis Program (SAP) field study project involving a local organization, students will apply the ideas, tools, concepts and knowledge gained from previous coursework to real-world problems.

Prerequisite: ACC 610, FIN 611, MGT 500, MGT 598 and MKT 610. Corequisite: Pre or Co-requisite: ECO 640 and ITM 608. Offered: fall, spring and summer semesters.

#### **MGT 650 - Nonprofit Management: Thinking Strategically (3)**

This course develops context for social enterprise and nonprofit strategic planning. It includes a historic overview of the innovative development of nonprofit organizations, a study of the environmental elements in society that affect nonprofit organizations, orientation and success, discussion of the role of boards in planning, the means for developing effective partnerships and a template for strategic planning. The course will include an application-oriented capstone exercise.

#### **MGT 659 - Nonprofit Management: Leadership and Innovation (3)**

This course is the final in the four-week course sequence for the Nonprofit Management and Innovation certificate program. The week has two major segments: leadership and innovation. The leadership portion will help students to identify and assess their leadership potential and evaluate team

roles and contributions. The second theme of the week, innovation, is designed to help students formulate an understanding of innovation and social entrepreneurship. The capstone project will tie together the two themes by requiring each group to conduct a feasibility study that identifies an innovative idea and develops an implementation plan that conceptualizes the role of strategic leadership.

Offered: summer semester.

#### **MGT 689 - Cross-Cultural Management and Negotiations (4)**

This course addresses practical skills for global managers by covering broad management issues as applied to specific skill areas. The latter include establishing credibility, building relationships, obtaining information, evaluating people, giving and receiving feedback, training and development, meeting management, sales and marketing, negotiation, and conflict resolution. Beyond such person-to-person skills, global organization development and consulting skill areas such as multicultural team building, knowledge transfer, innovation, and change management are also covered.

#### **MGT 690 - Internship (1-3)**

International students must consult with the Office of International Programs. May be used to satisfy practicum requirements.

Prerequisite: Approval of the graduate office, the college internship coordinator, and the associate dean. Offered: fall, spring and summer semesters.

#### **MGT 691 - Strategic Management in a Global Environment (4)**

In our globalized economy, every company is influenced by trends in international business. Even small localized companies must acknowledge that employees, customers, vendors, competitors, and prices are subject to pressures from international markets. This course focuses on business-unit and corporate level strategy formulation in a global context. Readings, cases, and lectures are presented from a senior management point of view and students are expected to demonstrate a cross-functional perspective for thinking strategically about managing organizations across borders.

#### **MGT 692 - Learning by Travel: Managing in International Markets (4)**

This course is designed to give students an opportunity to develop personal familiarity with the global environment and some of the issues faced by global managers. Beyond the social and cultural dimensions that the residency explores, the course will focus on developing an increased understanding of global markets, competition and business opportunities.

Offered: winter intersession, May intersession, and summer session.

#### **MGT 695 - Special Topics in Management (4)**

A course offered at the discretion of the management department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering.  
Offered: as needed.

#### **MGT 699 - Independent Study in Management (1-4)**

For graduate students only.  
Prerequisite: minimum 3.5 GPA and written permission of the department chair. Offered: fall, spring and summer semesters.

## **MKT - Marketing**

#### **MKT 300 - Principles of Marketing (4)**

Studies the interacting business activities designed to plan, price, promote and distribute want-satisfying products and services to present and potential customers. Incorporates current developments in marketing to acquaint students with the present-day challenges of marketing activities.

Prerequisite: AWR 101 with a "C" or better and ECO 204. Corequisite: BAC 100.

#### **MKT 352 - Services Marketing and Management (4)**

This course is designed to address the distinct needs and problems of service organizations in the area of marketing. Services management is also addressed, exposing students to the unique operations, human resources, and promotional elements implicit in running a service firm. New service development is the final step, as the class culminates in the conceptualization of a brand new service offering along with a completed service marketing plan.

Distribution: (W). Prerequisite: MKT 300.

#### **MKT 354 - Buyer Behavior (4)**

A study of the behavioral science concepts applicable to the consumer decision-making process, such as personality, perception, and group and cultural influences. Emphasis is on how these concepts and characteristics can be used by marketers to develop more effective relationships and strategies.

Prerequisite: MKT 300.

#### **MKT 360 - Marketing Research (4)**

A methodological approach to marketing and consumer research problems and opportunities, using both primary and secondary research. Examines the information needs of marketing managers and the use of information for making effective marketing decisions. Covers the marketing research process, including research design, analysis and interpretation, and reporting of findings.

Prerequisite: QMB 210 (or equivalent statistics course) and MKT 300.

#### **MKT 362 - Digital Marketing (4)**

Designed to introduce students to digital marketing theory and practical application. It provides a detailed understanding of relevant digital marketing channels and platforms to include Owned, Paid and Earned Digital Media.

Prerequisite: MKT 300.

#### **MKT 371 - Professional Selling and Sales Management (4)**

Examines the personal selling process and the use of a professional, customer-oriented, problem-solving approach in selling situations. Studies the nature of the sales job, selection of salespeople, sales training programs, and issues in the compensation, supervision, motivation, and ethical challenges of salespeople.

Distribution: (W). Prerequisite: MKT 300.  
Corequisite: MKT 300.

#### **MKT 372 - Retail and Distribution Management (4)**

Explores the dynamics of retailing and the range of firms that make up the retailing industry. Examines the functions, practices and organizations of various store types. Focuses, through current articles, on those retailers who hold leadership positions in key retailing disciplines such as customer service, operations management and TQM, market orientation, technology, research and development, human resources, e-commerce, and promotions. Examines the future of retailing, international retailing, future trends and their impact on retailers, and the impact of e-commerce.

Prerequisite: MKT 300.

#### **MKT 410 - Global Marketing (4)**

Not open to graduate students. Prepares students for the global marketing environment by examining marketing in other countries, the marketing implications of cultural and environmental differences, international marketing research, and adaptation of product, price, promotion and distribution decisions to the foreign environment.

Distribution: (W) (IG). Prerequisite: MKT 300.

#### **MKT 411 - Promotion and Branding Strategies (4)**

Focuses on integrated marketing communications and branding strategies, with coverage of advertising, sales promotion, public relations, direct marketing, branding and social media. Studies the development of integrated communications plans for organizations. Also for students minoring in advertising.

Distribution: (W). Prerequisite: MKT 300.

#### **MKT 418 - Advanced Professional Selling (4)**

This course introduces advanced selling topics. Students will have the opportunity to enhance their professional selling skills through advanced instruction, skill development, and practice. Emphasis will be placed on business-to-business selling situations, presentations, demonstrations, adaptive selling, negotiation, extensive role playing and sales call competitions.

Prerequisite: MKT 371.

**MKT 450 - Marketing Strategy (4)**

Develops students' ability to use facts in the analysis of marketing strategy. A capstone course that serves as a vehicle for the application and integration of the concepts, analytical tools and problem-solving approaches taught in lower-level marketing courses.

Prerequisite: Completion of eight hours of marketing courses.

**MKT 490 - Marketing Internship (1-8)**

This internship exposes the student to a real life learning experience. Students are hired by an organization for the specific objective of gaining work experience in that organization. The paid or unpaid internship position should be relevant to the student's major, and is worked out between the organization and the student. Completion of this internship helps students partially attain the following goals of the College of Business. May not be used to satisfy major requirements. Approval of the department chair required.

Prerequisite: MKT 300, junior or senior standing and a minimum cumulative GPA of 2.75 or a 3.0 in COB.

**MKT 495 - Special Topics in Marketing (4)**

A course offered at the discretion of the marketing department. Subject may focus on a topic of current interest in the field, training in a specific area of the field, or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering.

**MKT 499 - Independent Study in Marketing (1-4)**

A readings and independent studies course taken for variable credit.

Prerequisite: Minimum 3.0 GPA, consent of the department chair and associate dean.

**MKT 500 - Introduction to Marketing (2)**

For graduate students only. Studies the interacting business activities designed to plan, price, promote, and distribute want-satisfying products and services to present and potential customers. Incorporates current development in marketing to acquaint students with the present-day challenges of marketing activities.

**MKT 610 - Strategic Marketing Analysis (4)**

For graduate students only. Focuses on the rapidly evolving concepts and analytical techniques that facilitate strategic plan development using interactive simulations and real-world case studies. Topics include analytical prerequisites for planning, formal strategic planning methods, the delivery of high levels of customer values, measurement of marketing metrics, and applicable research techniques in the context of marketing management.

Prerequisite: MKT 500, ECO 500, and ECO 501.

**MKT 612 - Business Research Methods (4)**

For graduate students only. This course demonstrates a logical approach to marketing and business research by focusing on the process of

research and examining information needs of marketing managers. Primary and secondary research tools, survey design and analysis techniques, and methods of interpreting and reporting results are examined.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

**MKT 613 - Global Marketing (4)**

For graduate students only. This course prepares students for the global marketing environment by examining marketing in other countries; the marketing implications of cultural and environmental differences; international marketing research; and adaptation of product, price, promotion, and distribution decisions to the foreign environment.

Prerequisite: MKT 610.

**MKT 614 - Professional Selling and Sales Management (4)**

For graduate students only. This course introduces the sales process and the use of professional, customer-oriented problem-solving approaches in business-to-business selling situations. Through case analysis, professional sales role-plays, developmental coaching, and presentations, students apply various sales strategies. The course also reviews best practices to effectively manage and lead a sales team.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

**MKT 617 - Marketing Analytics (4)**

Businesses today have access to an increasingly large amount of consumer data that they can utilize to develop marketing strategies to better meet customer needs and outperform competition. In this class, you will learn the marketing strategies and theories that guide these strategic marketing decisions as well as the data analysis tools that will deliver you the insights you need to drive your company forward. This course is very application-oriented relying primarily on projects, cases and data sets to reach the overall course objectives.

Prerequisite: QMB 500.

**MKT 650 - Nonprofit Management: Marketing, Research and Communication (3)**

The Nonprofit Management and Innovation program was developed against a backdrop of increasing national concern over nonprofit executive succession, fills a unique niche among area college and university programs, and responds to interests expressed by Tampa Bay nonprofit and foundation leaders. This course covers marketing, research, and communication.

(Open only to Nonprofit students.)

**MKT 652 - Services Marketing and Management (4)**

For graduate students only. This course focuses on developing and managing the service encounter across different industries, including the nonprofit sector, in order to deliver service quality to the customer. In this

course students learn the unique challenges of services and the different roles both employees and customers have in the creation and delivery of services. Students will be able to develop measures of service quality, research and anticipate customer expectations, design new services and create service recovery strategies.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

#### **MKT 654 - Strategic Brand Management (4)**

For graduate students only. Studies the important role of creating, building and managing an organization's branding strategy. The course integrates the theoretical foundation of brand strategy with contemporary readings on branding practice. Coursework involves discussion, case analysis and projects with a high level of student interaction.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

#### **MKT 656 - Digital Marketing (4)**

This course explores, from the strategic perspective, the unique marketing challenges and opportunities that electronic marketing presents. It requires a fundamental grounding in the principles of marketing. It explores the nexus between e-marketing and traditional marketing activities. The class incorporates current developments in electronic marketing to acquaint students with the present day e-marketing strategic business models. Students will also learn how to develop and implement the 4Ps in the electronic marketing context.

Prerequisite: MKT 610.

#### **MKT 657 - Buyer Behavior (4)**

For graduate students only. The course introduces a wide range of behavioral concepts, and explores the strategic implications of customer behavior for marketers. The course challenges students to explore the realities and implications of buyer behavior in traditional and e-commerce markets. Key to the course is demonstrating how an understanding of buyer behavior can help to improve strategic decision making.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

#### **MKT 658 - Sport Marketing (4)**

This course addresses various marketing issues that are important to sport marketers. Primarily explored are 1) the marketing of sports events, teams, equipment and sports service providers, and 2) the use of sports to market goods and services. Sport marketers must understand business principles and understand how value is created through marketing programs tied to athletes, team, leagues, fans and organizations. Topics covered include licensing, sponsorship, distribution, services marketing, products bundling, consumer behavior and communication. The class consists of lectures, guest speakers, class discussions and individual assignments relevant with current industry practices and trends.

Prerequisite: MKT 500 and ECO 500. Corequisite: MKT 610.

#### **MKT 689 - Global Marketing Strategy (4)**

Building on the fundamentals of marketing, this course introduces the context of the global environment. The course first examines the cultural, social, legal, political, financial and geographic dimensions of the global marketplace. Using primarily qualitative methodologies, the course then assesses the impact and integration of global factors in marketing programs and strategies. Topics of particular emphasis include marketing strategies in developed nations, marketing in emerging economies, international differences in consumer behavior, entry strategies in foreign markets, international branding strategies and issues, international communication strategies, and understanding the implications for implementation, monitoring and control of the international marketing planning process.

#### **MKT 690 - Internship (1-4)**

International students must consult with the Office of International Programs. May be used to satisfy practicum requirements.

Prerequisite: Approval by the graduate office, the college internship coordinator and the COB associate dean.

#### **MKT 692 - Learning by Travel: Marketing in International Markets (4)**

This course is designed to give students an opportunity to develop personal familiarity with the global environment and some of the issues faced by global managers. Beyond the social and cultural dimensions that the residency explores, the course will focus on developing an increased understanding of global markets, competition and business opportunities.

#### **MKT 695 - Special Topics in Marketing (1-4)**

For graduate students only. This course is offered at the discretion of the marketing department. Subject will focus on a topic of current interest in the field, training in a specific area of the field or a topic that is of interest to a particular group of students.

Prerequisite: To be specified at time of offering.

#### **MKT 699 - Independent Study in Marketing (1-4)**

For graduate students only. Contemporary topics in marketing.

Prerequisite: minimum 3.5 GPA, MKT 610 and written permission of the department chair.

#### **MKT 700 - Marketing Capstone (4)**

For graduate students only. This is the capstone course for the MS-Marketing program. This course integrates and applies marketing frameworks and methodologies to solve real world problems. The course is designed to be comprehensive in using, business research, marketing models and critical-thinking skills. Through a client-based project, students



will apply the tools and concepts learned throughout their program.

Prerequisite: MKT 610, MKT 612. Pre-requisite or Co-requisite MKT 614.

## **MSL - Military Science and Leadership**

### **MSL 101 - Leadership and Personal Development (2)**

Introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness and stress management relate to leadership, officership and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions while gaining an overall understanding of the ROTC program and its advantages for the student. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. Participation in MSL 101 does not include military obligation.

Offered: fall semester.

### **MSL 102 - Introduction to the Profession of Arms (2)**

Discusses leadership fundamentals such as problem-solving, listening, presenting briefs, providing feedback and using effective writing skills. Students explore dimensions of leadership, values, attributes, skills and actions in the context of practical, hands-on and interactive exercises. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. Participation in MSL 102 does not include military obligation.

Offered: spring semester.

### **MSL 110 - Basic Leadership Laboratory (0)**

Required of MSL I cadets (freshmen) enrolled in MSL 101. Involves practical exercises in the principles of military courtesy, discipline, self-confidence, drill and ceremonies, as well as introduction to basic soldier skills and tactics.

Offered: fall semester.

### **MSL 111 - Basic Leadership Laboratory (0)**

Required of MSL I cadets (freshmen) enrolled in MSL 102. Involves practical exercises in the development of leadership fundamentals and soldier skills including basic land navigation, troop-leading procedures and squad tactical operations.

Offered: spring semester.

### **MSL 201 - Leadership and Decision Making (2)**

Challenges cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their tactical leadership. Based on such feedback, as well as self-evaluations, cadets continue to develop their leadership and critical thinking abilities.

The focus is on developing cadets' tactical leadership abilities to enable them to succeed at Army ROTC summer Cadet Leader Course (CLC). Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses), attend Cadet Initial Entry Training (CIET), or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: fall semester.

### **MSL 202 - Army Doctrine and Team Development (2)**

Challenges cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their tactical leadership. Based on such feedback, as well as self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is on developing cadets' tactical leadership abilities to enable them to succeed at Army ROTC summer Cadet Leader Course (CLC). Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses), attend Cadet Initial Entry Training (CIET), or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: spring semester.

### **MSL 203 - American Military History (4)**

A study of the development of American military institutions, policies, experience and traditions in peace and war from colonial times to the present. All cadets must complete MSL 203 to fulfill Army commissioning requirements. Participation in MSL 203 does not include military obligation.

Distribution: (SS). Offered: fall semester.

### **MSL 210 - Basic Leadership Laboratory (0)**

Required of MSL II cadets (sophomores) enrolled in MSL 201. Involves practical exercises in the mission, organization and composition of military units, and continued development of soldier skills including basic land navigation, troop-leading procedures and squad tactical operations.

Offered: fall semester.

### **MSL 211 - Basic Leadership Laboratory (0)**

Required of MSL II cadets (sophomores) enrolled in MSL 202. Involves practical exercises at the military team/squad level, emphasizing the functions, duties and responsibilities of junior leaders. Students are evaluated for acceptance into the Army ROTC advanced course (MSL 300-and 400-level courses).

Offered: spring semester.

### **MSL 301 - Training Management and the Warfighting Functions (3)**

Challenges cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their tactical leadership. Based on such feedback, as well as self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is on developing cadets' tactical leadership abilities to enable them to succeed at Army ROTC summer Advanced Cam. Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses), attend Basic Camp, or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: fall semester and summer.

### **MSL 302 - Applied Leadership in Small Unit Operations (3)**

Challenges cadets by utilizing increasingly intense situational leadership challenges to build cadet awareness and skills in leading small units at the squad and platoon level. Skills in decision-making, persuading and motivating team members when "under fire" are explored, evaluated and developed. Aspects of military operations are reviewed as a means of preparing for the Army ROTC Advanced Camp. Cadets are expected to apply the Army leadership development model while leading teams; to apply tactical principles and doctrine to Army operations; and to conduct a self-assessment in personal development areas such as character, adaptability, and fitness in a garrison and field environment. Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses and MSL 301), attend Basic Camp, or substitute past military experience with the approval of the professor of military science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: spring semester and summer.

### **MSL 303 - Cadet Leader Course (3)**

Challenges cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their tactical leadership. Based on such feedback, as well as self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is on developing cadets' tactical leadership abilities to enable them to succeed at Army ROTC summer Advanced Cam. Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses), attend Basic Camp, or substitute past military experience with the approval of the Professor of Military Science. All

cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Prerequisite: Permission of professor of military science. Offered: summer session and fall semester.

### **MSL 310 - Advanced Leadership Laboratory (0)**

Required of MSL III cadets (juniors) enrolled in MSL 301. Involves practical exercises emphasizing the leader's role in directing and coordinating the efforts of individuals and small units in the execution of squad battle drills and offensive tactical missions.

Offered: fall semester.

### **MSL 311 - Advanced Leadership Laboratory (0)**

Challenges cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their tactical leadership. Based on such feedback, as well as self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is on developing cadets' tactical leadership abilities to enable them to succeed at Army ROTC summer Advanced Cam. Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100/200-level courses), attend Basic Camp, or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: spring semester.

### **MSL 401 - The Army Officer (3)**

Develops cadet proficiency in planning, executing and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow Army ROTC cadets. Both their classroom and battalion leadership experiences are designed to prepare MSL 401 cadets for commissioned service as an officer. They identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train and develop subordinates. Cadets also participate in a physical training program. Cadets must either meet the prerequisites (MSL 100/200/300-level courses) or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: fall semester.

### **MSL 402 - Company Grade Leadership (3)**

Explores the dynamics of leading in the complex situations of current military operations in today's operational environment. Cadets examine differences in customs and courtesies, military law, principles of war and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield and host nation support. The

course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios and "What Now, Lieutenant?" exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army. Cadets also participate in a physical training program. They must either meet the prerequisites (MSL 100-, 200- and 300-level courses) or substitute past military experience with the approval of the professor of military science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements.

Offered: spring semester.

#### **MSL 410 - Advanced Leadership Laboratory (0)**

Required of MSL IV cadets (seniors). Involves practical exercises in staff planning and coordination at the battalion level with emphasis on leadership and management of the Spartan Battalion.

Offered: fall semester.

#### **MSL 411 - Advanced Leadership Laboratory (0)**

Required of MSL IV cadets (seniors). A continuation of MSL 410 that involves practical exercises to prepare cadets for service as commissioned officers.

Offered: spring semester.

#### **MSL 450 - Independent Study in MSL (1-4)**

An independent study in military science and leadership (Army ROTC) that provides cadets with an opportunity to pursue a topic, project or tailored curriculum under the guidance of an MSL faculty member. Variable credit.

Prerequisite: Permission of professor of military science. Offered: fall and spring semesters.

## **MUS - Music**

#### **MUS 100 - Music Fundamentals (3)**

Covers basic music reading, theory and terminology, including beginning keyboard, vocal and aural skills.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **MUS 102 - Music for Life (3)**

A survey of Western musical thought and the history and evolution of musical forms and styles. Requires attendance at selected music events on campus.

Distribution: (A) (HFA). Offered: fall, spring and summer semesters.

#### **MUS 105 - Basic Guitar Class (2)**

Elementary lessons in guitar, including music reading and basic instrument techniques.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **MUS 108 - Recording and Electronic Music I (4)**

Techniques for creating sound and music for electronic media. Emphasis is on software-based recording, synthesis and sequencing. Course includes studio projects for developing aural perception and

creativity, understanding principles of acoustics and acquiring basic audio production skills. Background on electronic music history, aesthetics and literature is provided.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **MUS 109 - Recording and Electronic Music II (4)**

A continuing exploration of contemporary electronic music, multi-track recording techniques and the convergence of electronic music with other media in the digital era. Focus is on creative work and studio recording. Survey of contemporary electronic music aesthetics and literature is provided.

Distribution: (A) (HFA). Prerequisite: MUS 108 or consent of instructor. Offered: spring semester.

#### **MUS 110 - Piano Class I (2)**

Elementary group lessons in piano for the beginner, given in the electronic piano lab.

Distribution: (A) (HFA/ST). Prerequisite: C or better in MUS 100 or MUS 122, or a satisfactory score on the Music Department's Music Theory Placement Exam. Offered: spring semester.

#### **MUS 111 - Piano Class II (2)**

Intermediate group lessons in piano skills and repertoire, given in the electronic piano lab.

Distribution: (A) (HFA/ST). Prerequisite: C or better in MUS 110 or an equivalent course. Offered: fall semester.

#### **MUS 112 - Aural Skills I (2)**

An introduction to sight singing and ear training techniques that is focused on developing the student's ability to perform and transcribe simple rhythms, scales, intervals, chords, melodies and scale degree patterns.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 100 or a satisfactory score on the music department's Music Theory and Aural Skills Placement Exam. Offered: spring semester.

#### **MUS 113 - Aural Skills II (2)**

A continuation of MUS 112 through sight singing and ear training techniques that is focused on further developing the student's ability to perform and transcribe more complex rhythms, scales, intervals, chords, melodies and scale degree patterns.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 112 or an equivalent course, or a score of 3 or better on the aural subscore of the AP Music Theory Exam. Offered: fall semester.

#### **MUS 114 - Voice Class (3)**

Foundations of solo vocal technique and interpretation, song-learning and stage deportment. Taught in a group environment, lectures and discussions are combined with solo and group singing. Requires attendance at select recitals on campus.

Distribution: (A) (HFA). Offered: fall and spring semesters.

**MUS 115 - Voice Class II (2)**

Continuation of the solo vocal techniques and skills introduced in Voice Class I. Taught in a group environment, lecture/discussion sessions are combined with a strong emphasis on solo singing. Requires attendance at select recitals on campus. May be repeated for credit.

Distribution: (A) (HFA). Prerequisite: MUS 114 or permission of instructor. Offered: spring semester.

**MUS 117 - Musicianship for Performing Arts I (1)**

Sight-singing and piano skills tailored to the needs of performing arts majors.

Distribution: (A) (HFA). Corequisite: MUS 127. Offered: fall semester.

**MUS 118 - Musicianship for Performing Arts II (1)**

Sight-singing and piano skills tailored to the needs of performing arts majors.

Distribution: (A) (HFA). Prerequisite: MUS 117. Corequisite: MUS 128. Offered: spring semester.

**MUS 122 - Music Theory I (3)**

An introduction to the study of Western music theory, including elements of pitch, rhythm, harmony, counterpoint and diatonic chord function.

Distribution: (A) (HFA). Offered: spring semester.

**MUS 123 - Music Theory II (3)**

A continuation of MUS 122 including nonchord tones, cadences and phrase structure, chromatic harmony and modulation, jazz chord and scale theory, contemporary form and analysis, and principles of notation.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 122 or an equivalent course, or a score of 3 or better on the nonaural subscore of the AP Music Theory Exam. Offered: fall semester.

**MUS 124 - Vocal Diction Technique and Literature (3)**

A fundamental course designed to acquaint the student singer with IPA (International Phonetic Alphabet), the correct pronunciation of Italian, French and German consonants and vowels, the diction rules of these languages, and the necessary practical application and performance and research of standard vocal literature.

Distribution: (A) (HFA). Prerequisite: Music majors, music minors and musical theatre majors only. Offered: fall semester.

**MUS 127 - Music Theory for Performing Arts I (3)**

Theoretical music fundamentals tailored to the needs of performing arts majors.

Distribution: (A) (HFA). Corequisite: MUS 117. Offered: fall semester.

**MUS 128 - Music Theory for Performing Arts II (3)**

Theoretical music fundamentals tailored to the needs of performing arts majors.

Distribution: (A) (HFA). Prerequisite: MUS 127. Corequisite: MUS 118. Offered: spring semester.

**MUS 135 - Alexander Technique for Wellness (1)**

An introduction to the Alexander Technique designed to help performing artists and anyone who is seeking to achieve a more natural physicality, to discover and gradually eliminate harmful patterns in the use of their bodies, and to develop better use that facilitates coordination, efficiency, increased energy and injury prevention.

Offered: fall and spring semester.

**MUS 147 - Studio Lessons: Organ (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 149 - Studio Lessons: Harpsichord (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 150 - Studio Lessons: Piano (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

#### **MUS 151 - Studio Lessons: Voice (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

#### **MUS 152 - Studio Lessons: Flute (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music

Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

#### **MUS 153 - Studio Lessons: Oboe (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

#### **MUS 154 - Studio Lessons: Clarinet (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

#### **MUS 155 - Studio Lessons: Bassoon (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study

towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 156 - Studio Lessons: Saxophone (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 157 - Studio Lessons: Trumpet (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 158 - Studio Lessons: French Horn (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and

minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 159 - Studio Lessons: Trombone (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 160 - Studio Lessons: Euphonium (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 161 - Studio Lessons: Tuba (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning

instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 162 - Studio Lessons: Percussion (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 163 - Studio Lessons: Violin (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area

of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 164 - Studio Lessons: Viola (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 165 - Studio Lessons: Cello (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 166 - Studio Lessons: Double Bass (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study

towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 167 - Studio Lessons: Classical Guitar (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 171 - Studio Lessons: Harp (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 172 - Studio Lessons: Contemporary Guitar (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and

minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 173 - Studio Lessons: Contemporary Keyboard (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 174 - Studio Lessons: Contemporary Bass (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

**MUS 175 - Studio Lessons: Contemporary Percussion (1)**



Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 176 - Studio Lessons: Contemporary Technology (1)**

Audition or instructor permission required. Intended for intermediate-level study only (beginning instruction is available in group settings for classical guitar, piano and voice). 100-level Studio Lessons (1-credit, 25-minute weekly lessons) are for students besides music majors and minors who are participating in UT music ensembles, and for music majors and minors taking Studio Lessons in secondary performance areas. 100-level lessons do not satisfy the Studio Lessons requirements in the primary performance area for music majors and may apply for up to only 2 credit hours of applied music study towards the music minor. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors in secondary applied area, or permission of Department Chair. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lessons. Offered: fall and spring semesters.

### **MUS 191 - World Music (3)**

An examination of the cultures of various countries and societies through their music and their musical practices. May be used to fulfill international/global or non-Western Baccalaureate Experience requirements.

Distribution: (A) (HFA) (IG) (NW). Offered: fall, spring and summer semesters.

### **MUS 192 - World Music Drumming Ensemble (0-1)**

A studio/performance-oriented course in which students learn percussion/vocal music from other cultures and non-Western musical traditions. May be repeated for a maximum of 8 credit hours. If taken for three or more semesters, the combined credit (a minimum of 3 credits) may satisfy one humanities/fine arts course in the core curriculum. Open to all University students without audition.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 195 - Introduction to Jazz (3)**

An in-depth perspective of jazz through an analysis of its history, styles and prominent artists; the influence of jazz on popular music genres; and the confluence of jazz and American culture. Students will develop their critical thinking skills and knowledge of jazz by learning how to write through the mode of an aesthetic critique, in a scholarly and professional manner.

Distribution: (A) (HFA) (W). Offered: fall and spring semesters.

### **MUS 200 - Jazz Improvisation I (1)**

Jazz improvisation I is designed for the beginning improviser to learn basic theory and style related to jazz, and to apply that through personal creativity to transcribe, develop and perform improvised solos.

Distribution: (A) (HFA/ST). Prerequisite: Music major, music minor or permission of instructor; students must be able to read standard music notation, and must display a basic level of technical proficiency on their instrument or voice. Offered: fall semester.

### **MUS 201 - Jazz Improvisation II (1)**

Jazz Improvisation II is designed for the experienced improviser to learn more advanced jazz theory, and to apply it to improvising over more complex chord progressions.

Distribution: (A) (HFA/ST). Prerequisite: MUS 200 with a grade of C or better. Offered: spring semester.

### **MUS 205 - Intro to Music Education, Human Development and Diversity (3)**

An introduction to music teaching and learning (K-12) with emphasis on the stages of human development and diversity.

Prerequisite: Music education majors only. Offered: fall semester.

### **MUS 208 - Topics in Music (1-3)**

Topic varies as announced in the class schedule. May be repeated if content is different.

Distribution: (HFA). Offered: as needed.

### **MUS 209 - Field Experience Seminar (0)**

This course is taken by music education majors each semester for coordination and documentation of field experiences of all levels/types connected with music techniques, conducting, methods and final internship courses.

Prerequisite: Music Education majors only. Offered: fall and spring semesters.

### **MUS 210 - Concert Recording Practicum (2)**

Through a hands-on approach, students learn the art and science of high-fidelity recording for live, acoustic music. Content includes principles of microphone selection/placement, sound diffusion, and effective procedures for editing, mastering, and music archival. Course requires the student to record a minimum number of scheduled events.

Distribution: (A) (HFA). Offered: fall and spring semesters.

### **MUS 212 - Aural Skills III (2)**

A continuation of MUS 113 through sight singing and ear training techniques that is focused on further developing the student's ability to perform and transcribe more complex rhythms, scales, intervals, chords, melodies and scale degree patterns. Material includes increased use of chromaticism and modulation.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 113 or equivalent course, or a score of 5 on the aural subscore of the AP Music Theory Exam. Offered: spring semester.

### **MUS 213 - Aural Skills IV (2)**

A continuation of MUS 212 through sight singing and ear training techniques that is focused on developing the student's ability to perform and transcribe advanced rhythms, scales, intervals, chords, melodies and scale degree patterns. Material includes increased use of compositional techniques since 1900.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 212 or an equivalent course. Offered: fall semester.

### **MUS 215 - Basic Conducting (2)**

Through this course the student will develop basic baton technique and score reading skills for choral and instrumental conducting. The format will be a combination of lecture and laboratory experiences in which students will conduct and perform for each other.

Distribution: (A) (HFA). Prerequisite: Music majors only or permission of instructor. C or better in MUS 113 and MUS 123, or equivalent courses. Offered: spring semester.

### **MUS 217 - Musicianship for Performing Arts III (1)**

Upper-intermediate sight-singing and piano skills tailored to the needs of performing arts majors.

Distribution: (A) (HFA). Prerequisite: MUS 117, MUS 127, MUS 118, MUS 128. Offered: fall semester.

### **MUS 220 - Music for Dance (3)**

This course is designed to give both the dancer and the choreographer the necessary tools to realize their musical needs, as well as to learn how to communicate those needs to musicians. These tools can be divided into two categories: music fundamentals and music appreciation. Students also explore ethical issues in the reproduction and use of recorded music in the studio and on the stage.

Distribution: (A) (HFA). Offered: spring semester.

### **MUS 222 - Music Theory III (3)**

A continuation of MUS 123 that includes form and analysis of Baroque, Classical, and Romantic period forms, analysis and composition of modal and tonal counterpoint, and further understanding of chromatic harmony and enharmonicism.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 123 or an equivalent course, or a score of 5 on the nonaural subscore of the AP Music Theory Exam. Offered: spring semester.

### **MUS 223 - Music Theory IV (3)**

A continuation of MUS 222 that explores the divergent theories and aesthetics of Western music since 1900, with an emphasis on the acquisition of idiomatic compositional technique through analysis, practice, and performance.

Distribution: (A) (HFA). Prerequisite: C or better in MUS 222 or an equivalent course. Offered: fall semester.

### **MUS 224 - Pedagogy (2)**

A study of pedagogical techniques for teaching studio lessons on the elementary and intermediate levels. Techniques include teaching in traditional style and new approaches using piano labs, recordings, compact discs, computers and MIDI accompaniments. Required for performance majors.

Distribution: (A) (HFA). Offered: as needed.

### **MUS 225 - Vocal and Choral Methods (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for vocal and choral music. Includes development of vocal and pedagogical skill sufficient to teach effective use of the voice.

Distribution: (A) (HFA). Offered: every fourth semester.

### **MUS 226 - String Methods (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for string instruments. Includes development of knowledge and performance ability on string instruments sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

### **MUS 228 - Brass Methods (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for brass instruments. Includes development of knowledge and performance ability on brass instruments sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

### **MUS 229 - Percussion Methods (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for percussion instruments. Includes development of knowledge and performance ability on percussion instruments sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

**MUS 230 - Woodwind Methods I: Single Reeds (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for clarinet and saxophone. Includes development of knowledge and performance ability on clarinet and saxophone sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

**MUS 231 - Woodwind Methods II: Double Reeds and Flute (2)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for flute, oboe and bassoon. Includes development of knowledge and performance ability on flute, oboe and bassoon sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

**MUS 232 - Guitar Methods (1)**

A fundamental study of content, methodologies, philosophies, materials, technologies, and curriculum development for guitar. Includes development of knowledge and performance ability on guitar sufficient to teach beginning students effectively in groups.

Distribution: (A) (HFA). Offered: every fourth semester.

**MUS 238 - Music Theater Workshop (1)**

Studio/performance-oriented class focusing on musical preparation, analysis of scene/dramatic structure, incorporation of musical staging/blocking/choreography, and the development of performance techniques.

Distribution: (A) (HFA/ST). Offered: spring semester.

**MUS 242 - Career Development and Audition Seminar (3)**

A practicum course for Musical Theatre majors. Studio class focusing on audition preparation for the musical theatre, as well as emphasizing the business techniques required for a career in the performing arts.

Distribution: (HFA/ST). Prerequisite: Musical Theatre majors only, or permission of instructor. . Offered: spring semester.

**MUS 243 - Performance Internship (1)**

Optional elective for Musical Theatre majors. Students are auditioned for placement in performance or technical theatre internships with local entertainment organizations. Special off-campus arrangements can be made with permission of the co-directors of the Musical Theatre program.

Distribution: (HFA). Prerequisite: junior or senior standing. Musical Theatre majors only. Offered: fall and spring semesters.

**MUS 245 - Special Project in Music (1-4)**

Distribution: (A) (HFA/ST). Prerequisite: consent of project director. Offered: as needed.

**MUS 246 - Camerata (0-1)**

A small, select, chamber choir of women's voices. The ensemble performs a variety of challenging choral literature from all style periods, appropriate for a collegiate level women's chamber choir.

Distribution: (A) (HFA/ST). Prerequisite: Audition or instructor permission required. Offered: fall and spring semesters.

**MUS 247 - Studio Lessons: Organ (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 249 - Studio Lessons: Harpsichord (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 250 - Studio Lessons: Piano (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 251 - Studio Lessons: Voice (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite:

Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 252 - Studio Lessons: Flute (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 253 - Studio Lessons: Oboe (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 254 - Studio Lessons: Clarinet (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 255 - Studio Lessons: Bassoon (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 256 - Studio Lessons: Saxophone (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 257 - Studio Lessons: Trumpet (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 258 - Studio Lessons: French Horn (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 259 - Studio Lessons: Trombone (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

**MUS 260 - Studio Lessons: Euphonium (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is

related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 261 - Studio Lessons: Tuba (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 262 - Studio Lessons: Percussion (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 263 - Studio Lessons: Violin (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 264 - Studio Lessons: Viola (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite:

Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 265 - Studio Lessons: Cello (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 266 - Studio Lessons: Double Bass (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 267 - Studio Lessons: Classical Guitar (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 269 - Recital/Concert Attendance (0)**

Observation of guest artist, faculty, and student performances for the purpose of developing greater musicianship Requires attendance at scheduled Department of Music events.

Offered: fall and spring semesters.

### **MUS 270 - Composition (1-2)**

May be repeated for additional credit. Taught as a studio lesson, this course guides the student in the acquisition of technique and aesthetic considerations for music composition through creative work and compositional exercises. Students may enroll for 1 credit hour (25-minute weekly lesson), or 2 credit hours (50-minute weekly lesson). Course requirements vary, depending on the number of credit hours being

taken. Students enrolled for 2 credit hours are expected to bring new work in progress to each lesson, and have a performance of at least one completed work presented in public during each semester of enrollment.

Distribution: (A) (HFA/ST). Prerequisite: MUS 123 or permission of instructor. Offered: fall and spring.

### **MUS 271 - Studio Lessons: Harp (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 272 - Studio Lessons: Contemporary Guitar (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 273 - Studio Lessons: Contemporary Keyboard (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 274 - Studio Lessons: Contemporary Bass (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite:

Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 275 - Studio Lessons: Contemporary Percussion (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 276 - Studio Lessons: Contemporary Technology (2)**

200-level Studio Lessons (2-credit, 50-minute weekly lessons) are for music majors or minors studying in their primary performance area only. Students must be concurrently enrolled in a co-requisite ensemble that is related to their Studio Lessons course. Studio Lessons courses may be repeated for credit.

Distribution: (A) (HFA/ST). Prerequisite: Music majors, music minors, or musical theatre majors in their primary applied area only. Corequisite: Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson. Offered: fall and spring semesters.

### **MUS 289 - Orchestra (0-1)**

A studio/performance-oriented course. A large ensemble of strings, woodwind, brass and percussion instruments that performs two or three times each semester, both on and off campus. The repertoire consists of major works, overtures, historical, contemporary and popular literature for orchestra and variable-sized ensembles. Auditions are held at the beginning of the fall and spring terms.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 290 - Spartan Band (0-1)**

A studio/performance-oriented course. Spartan Band is open to all students with instrumental music experience. The Spartan Band performs a repertoire of up-tempo popular and jazz tunes at a variety of University and community events.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 291 - Wind Ensemble (0-1)**

A studio/performance-oriented course. A large ensemble of woodwind, brass and percussion instruments that performs several times each semester, both on and off campus. The repertoire consists of major works, overtures, historical, contemporary and popular literature for band and variable-sized

ensembles. Auditions are held at the beginning of the fall and spring terms.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 292 - Jazz Ensemble (0-1)**

A studio/performance-oriented course. A big band of saxophones, trumpets, trombones and rhythm section with repertoire from traditional swing charts to contemporary jazz. The UT Jazz Ensemble performs two or three times each semester. Auditions are held at the beginning of the fall and spring terms.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 293 - Chamber Singers (0-1)**

An auditioned chamber choir of mixed voices. The University Chamber Singers gives several performances each semester. Chamber Singers will travel regularly and serve the needs of the University and surrounding communities. The repertoire, specifically suited for a select, collegiate-level chamber choir, will consist of varied and advanced choral music of all styles and genres.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 294 - Opus (0-1)**

A small, auditioned vocal ensemble of mixed voices. Membership is understood to be a yearlong commitment. The repertoire is drawn primarily from musical theater. Opus performs a major concert each semester. This ensemble is also frequently asked to perform for many University functions on campus as well as other venues in the Tampa Bay area.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 295 - University Treble Chorus (0-1)**

University Treble Chorus is an open-enrollment vocal ensemble for soprano and alto voices. Students who have an interest in singing, regardless of major, are invited to enroll without audition. The University Treble Chorus will perform one or two concerts per semester. The course will focus on development of healthy vocal technique, sight-reading skills and performance skills.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 297 - University Concert Chorus (0-1)**

University Concert Chorus is an open-enrollment vocal ensemble. Students who have an interest in singing, regardless of major, are invited to enroll without audition. The University Concert Chorus will

perform one or two concerts per semester. The course will focus on development of healthy vocal technique, sight-reading skills and performance skills.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 301 - Interactive Arts Ensemble (0-1)**

IAE is a performance-driven creative workshop for physical interaction design, real-time video art, experimental musical instrument building, laptop ensembles, mobile phone orchestras and creative repurposing of technology for interdisciplinary performance. Open to technophiles from any major who wish to experiment, create and perform.

Distribution: (A) (HFA/ST). Offered: fall and/or spring semesters.

### **MUS 302 - Jazz Combo (0-1)**

A studio/performance-oriented course, this is a combo (small) ensemble of mixed instruments. Students will study and perform music in various contemporary styles such as rock, swing, rhythm and blues, traditional jazz, fusion jazz and world music-influenced styles. Rehearsals will focus on the preparation of music repertoire pertaining to the performance genres to which the combo is dedicated (to be determined collaboratively by faculty and students) as well as issues related to the business of music and freelance music performance.

Distribution: (A) (HFA/ST). Prerequisite: Permission of instructor. Offered: fall and/or spring semesters.

### **MUS 303 - Studio Production Ensemble (0-1)**

The studio production ensemble is simultaneously a music performance ensemble, creative workshop, and a sound recording class for learning recording studio techniques. Using an experiential approach, students rotate through various production roles to create music in a digital multi-track environment. This course is intended for students who have an interest in working as a recording artist, studio musician, engineer, composer, arranger, or producer. No audition is required, but students should be able to read music, play an instrument and/or sing.

Distribution: (A) (HFA/ST). Prerequisite: MUS 108 or equivalent, or permission of instructor. Offered: fall and/or spring semesters.

### **MUS 304 - MIX Lab (0-1)**

The Music Improvisation & Experimentation Lab is an "open form" music ensemble open to instrumentalists (on any instrument), vocalists, and technologists. Ensemble members develop their confidence as collaborative, indie performers through free improvisation, genre bending, mashups, experimental composition, and other creative

approaches to music making. MIX Lab is open to both majors and non-majors. Music reading ability is not required. The course is repeatable for credit.

Distribution: (A) (HFA/ST). Offered: fall and/or spring semesters.

### **MUS 307 - Opera Workshop (0-1)**

Opera Workshop is a small auditioned ensemble of mixed voice featuring classical vocal and golden-age musical theatre repertoires through performance of Opera, Concerto and Oratorio arias and classical art and musical theatre songs. Individuals will perform in staged solo or ensemble scenes accompanied by orchestra and/or piano. Auditions are held at the beginning of the semester.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 309 - Performance Class (0-1)**

A studio/performance-oriented course. Students study and rehearse solo and small ensemble literature for their instruments. Required performance on monthly student recitals. Master classes with studio teachers may be included. Annual spring concert.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 310 - String Ensemble (0-1)**

A studio/performance-oriented course.

Distribution: (A) (HFA/ST). Offered: as needed.

### **MUS 311 - Classical Guitar Ensemble (0-1)**

A studio/performance-oriented course.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

### **MUS 312 - Woodwind Ensemble (0-1)**

A studio/performance-oriented course.

Distribution: (A) (HFA/ST). Offered: as needed.

### **MUS 313 - Brass Ensemble (0-1)**

A studio/performance-oriented course.

Distribution: (A) (HFA/ST). Offered: as needed.

### **MUS 314 - Percussion Ensemble (0-1)**

A studio/performance-oriented course.

Distribution: (A) (HFA/ST). Offered: as needed.

### **MUS 315 - Choral Conducting (3)**

A study of advanced conducting techniques with practical application to choral ensembles. Prerequisite: MUS 215.

Distribution: (A) (HFA). Prerequisite: MUS 215. Offered: spring semester of odd years.

### **MUS 316 - Instrumental Conducting (3)**

A study of advanced conducting techniques with practical application to instrumental ensembles. Prerequisite: MUS 215

Distribution: (A) (HFA). Prerequisite: MUS 215. Offered: spring semester of odd years.

### **MUS 323 - Arranging and Orchestration (2)**

A study of how to effectively write music for acoustic instruments and voices. Includes discussion of arranging techniques such as composing introductions and transitions, chord voicing, reharmonization, and textural transcription.

Distribution: (A) (HFA). Prerequisite: MUS 123. Offered: fall semester.

### **MUS 346 - Junior Recital (0-1)**

A studio/performance-oriented course with required preview. All repertoire must be approved and coached by the studio instructor. See the UT Music Student Handbook for details. Students may enroll for zero credit if they are enrolled in 18 or more credit hours.

Distribution: (A) (HFA/ST). Corequisite: Applied music study in the primary instrument/voice used for the recital. Offered: fall and spring semesters.

### **MUS 370 - Music in Film and Games (3)**

Music in Film and Games is a writing intensive course, open to both music majors and non-majors, with a focus on the history, aesthetics and techniques of music for cinema, games, and emerging media formats. Students will develop their ability to produce scholarly writing about music through listening, analysis, research, and critical thinking.

Distribution: (A) (HFA) (W). Offered: fall and spring semesters.

### **MUS 375 - Introduction to Rock (3)**

Introduction to Rock is a writing intensive course, open to both music majors and non-majors, with a focus on the history, aesthetics and techniques of rock music, and its stylistic diversity. Students will develop their ability to produce scholarly writing about music through listening, analysis, research, and critical thinking.

Distribution: (A) (HFA) (W). Offered: fall and spring semesters.

### **MUS 380 - Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque (3)**

A historical survey of Western musical tradition from the earliest known sources through the late Baroque (up to 1750). The overall objective is for the student to gain an understanding of basic developments in Western music from the beginnings in Ancient Greece, Rome, and Mesopotamia through the Baroque period. The course will include the study of both sacred and secular music in various genres and will place great emphasis on listening. The course is also designed to increase the students' critical thinking skills and ability to write effectively about the aesthetics of Western music.

Distribution: (A) (HFA) (W). Prerequisite: Music majors only or permission of instructor. Offered: fall semester.

### **MUS 381 - Music History Survey II: 18th Century Classical Period and 19th Century Romanticism (3)**

A historical survey of Western musical tradition from the second half of the 18th century through the end of



the 19th century. This course traces the development of Western music, both sacred and secular music in various genres, in the Classical and Romantic periods. The course will place great emphasis on listening and study of music scores. The course is also designed to increase the students' critical thinking skills and ability to write effectively about the aesthetics of Western music.

Distribution: (A) (HFA) (W) . Prerequisite: Music majors only or permission of the instructor. Offered: spring semester.

### **MUS 390 - Reading and Teaching Music - Elementary (3)**

A specialized music course that focuses on strategies, materials, and best-practice activities for teaching reading and fundamentals of elementary music. Features demonstrations with class participation in singing and use of rhythmic and pre-orchestral instruments. Requires observation and teaching in elementary schools.

Prerequisite: Music Education majors only. Offered: As needed.

### **MUS 391 - ESOL Survey and Music Class Management (3)**

This course provides music pre-interns a knowledge of the 5 Florida ESOL Domains and 12 ESOL Performance Standards in the five content areas: methods of teaching ESOL, ESOL curriculum and materials development, cross-cultural communication and understanding, applied linguistics, testing and evaluation of ESOL. Guided by the principles of comprehensibility and cultural sensitivity, students will design/adapt/teach level-appropriate materials (Music K-12) utilizing ESOL techniques and research-based best practices in music classroom management, behavior modification, informal/formal assessments, communication with parents, content delivery, and the use of technology.

Prerequisite: Music Education majors only. Offered: as needed.

### **MUS 446 - Senior Recital (0-1)**

A studio/performance course with required preview. All repertoire must be approved and coached by the studio instructor. See the UT Music Student Handbook for details. Students may enroll for zero credit if they are enrolled in 18 or more credit hours.

Distribution: (A) (HFA/ST). Corequisite: Applied music study in the primary instrument/voice used for the recital. Offered: fall and spring semesters.

### **MUS 448 - Musical Theatre Senior Showcase (1)**

A studio/performance course designed for graduating students with a major in musical theatre, and intended to demonstrate the student's development as musical theatre performer. The course will devise and present a showcase performance which serves as a means of career development. Required for the major in musical theatre.

Distribution: (HFA/ST). Corequisite: MUS 251 - Studio Lessons: Voice. Offered: fall semester.

### **MUS 480 - Music History Survey III: 1900 to Present Day (3)**

This course traces the history and development of Western music since 1900, through musicological research and writing, listening skills, score study, and synthesis of musical knowledge.

Distribution: (A) (HFA) (W). Prerequisite: Music majors only or permission of instructor. Offered: fall semester.

### **MUS 490 - Music Instruction and Assessment (3)**

A specialized methods course for music education majors. Topics include secondary music teaching and assessment methods, curriculum materials and planning for/management of band, choral and orchestral programs.

Prerequisite: Music Education majors only. Offered: as needed.

### **MUS 491 - Music Internship 1 - Grades 1-8 (Elementary) (6)**

Culminating elementary-level field experience for music education majors. Provides progressive instructional responsibilities and opportunities for the application of content and professional knowledge as a music educator in Florida public schools. Interns are assigned to an elementary school for a half-day (time and number of periods varies by school to which assigned). This course may be taken concurrently with other UT courses. When taken concurrently with MUS 492 Music Internship 2, these two courses combine for full-time enrollment status at the University.

Prerequisite: Music Education majors with senior standing and permission of instructor. Offered: fall and spring semesters.

### **MUS 492 - Music Internship 2 - Grades 6-12 (Secondary) (6)**

Culminating secondary-level field experience for music education majors. Provides progressive instructional responsibilities and opportunities for the application of content and professional knowledge as a music educator in Florida public schools. Interns are assigned to a secondary school for a half-day (time and number of periods varies by school to which assigned). This course may be taken concurrently with other UT courses. When taken concurrently with MUS 491 Music Internship 1, these two courses combine for full-time enrollment status at the University.

Prerequisite: Music Education majors with senior standing and permission of instructor. Offered: fall and spring semesters.

### **MUS 499 - Senior Project in Music (3)**

A culminating project undertaken by a student with mentoring from a faculty member. Topics may vary according to the student's interests (possibilities might include: projects in music composition, technology, performance, theory, musicology, pedagogy, etc.)

Students are expected to develop a preliminary bibliography and proposal for their project in advance of being permitted to register for the course. Instructor and chair approval required.

## NAV - Naval Science

### NAV 1101L - Naval Science Laboratory (0)

A twice weekly hour and fifteen minute laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen. Offered: fall and spring semesters.

### NAV 1110 - Introduction to Naval Science (3)

Emphasis on the mission, organization, regulations and components of the U.S. Navy and Marine Corps. Offered: fall semester.

### NAV 1140 - Seapower and Maritime Affairs (3)

This course deals with the importance of seapower in historical events, including emphasis on worldwide political-military confrontations following the Cold War.

Offered: spring semester.

### NAV 2121 - Naval Ships Systems I (3)

Types, structures and purpose of naval ships. Hydrodynamic forces, stability compartmentalization, electrical and auxiliary systems. Theory of design and operation of steam turbine, gas turbine and nuclear propulsion plants. Shipboard safety and firefighting.

Offered: fall semester.

### NAV 2212C - Navigation/Naval Operations I: Navigation (3)

Piloting theory, principles and procedures; tides, currents, weather, use of navigation instruments and equipment, and practicum. Laboratory required.

Offered: spring semester.

### NAV 2220 - Evolution of Warfare (3)

A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and organizations.

Offered: spring semester.

### NAV 2231 - Principles of Naval Management I (Leadership and Management) (3)

Theory and principles of leadership and management, focusing on developing skills in organizational thinking and leadership problem solving for the junior officer. Includes interpersonal skills, behavior factors and group dynamics.

Offered: fall semester.

### NAV 3123 - Naval Ships Systems II (3)

Capabilities and limitations of fire control systems and weapons types. Physical aspects of radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery and guidance. Explosives, fusing and Naval ordnance.

Prerequisite: NAV 2121. Offered: spring semester.

### NAV 3214C - Navigation/Naval Operations II: Seamanship and Ship Operations (3)

Prerequisite: NAV 2212C. International and inland rules of the road; relative motion-vector analysis; ship handling, employment and tactics; afloat communications; operations analysis. Laboratory required.

Prerequisite: NAV 2212C. Offered: fall semester.

### NAV 3225 - Fundamentals of Maneuver Warfare (3)

This course analyzes the United States Marine Corps as the overarching case study for the advent of maneuver warfare.

### NAV 4232 - Principles of Naval Management II (Leadership and Ethics) (3)

Prerequisite: NAV 2231. Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer.

Prerequisite: NAV 2231. Offered: spring semester.

## NUR - Nursing

### NUR 201 - Foundations of Nursing (3)

For basic students only. This course introduces students to the foundations of professional nursing practice. Topics include historical, philosophical and theoretical perspectives in nursing. In addition, the concepts of caring, communication, critical thinking and cultural competence are introduced. Emphasis is placed upon self-care, the nursing process, nursing theory, and legal and ethical aspects of nursing.

Prerequisite: Acceptance to the nursing program. Offered: spring semester.

### NUR 210 - Intro to Pathophysiology (3)

For basic students only. This course provides students with a basic understanding of pathophysiology from a structural and functional organizational framework. It builds upon the student's knowledge in the sciences, and explores how alterations in structure and function disrupt the body as a whole. Physiological changes across the lifespan are examined. Students utilize critical thinking to analyze selected diseases for symptomatology, pathophysiology and implications for health care intervention.

Prerequisite: Prerequisite or corequisite: NUR 201. Offered: spring semester.

### NUR 213 - Professional Skills in Nursing (3)

For basic students only. (NUR 213 and NUR 213L must be taken concurrently). This course gives students the cognitive knowledge necessary to provide basic, safe, and effective care to diverse populations.

Prerequisite: Prerequisite or corequisite: NUR 201. Offered: spring semester.

**NUR 213L - Professional Skills in Nursing Lab (2)**

For basic students only. This course provides the student with laboratory and clinical experiences directed toward the acquisition of foundational knowledge and skills to give safe, effective patient care to diverse populations. Focus is placed on the application of foundational knowledge learned in NUR 213. Experiences include lab and interactive computer activities, simulation experiences, and supervised clinical learning at selected health care facilities.

Prerequisite: Prerequisite or corequisite: NUR 201, NUR 213. Offered: spring semester.

**NUR 218 - Health Assessment (4)**

For basic students only. (NUR 218 and 218L must be taken concurrently.) This course provides the basic nursing student with knowledge and skills to obtain and record a health history and physical examination. Assessing the level of health and wellness of clients throughout the lifespan also is included. The course provides both a didactic and laboratory experience.

Prerequisite: Prerequisite or corequisite: NUR 201. Offered: spring semester.

**NUR 218L - Health Assessment Lab (0)**

Offered: spring semester.

**NUR 314 - Nursing Care of the Developing Family (2)**

For basic students only. In this course, knowledge from the physical, biological, behavioral and social sciences as well as the humanities, is applied for the provision of safe nursing care of child-bearing families. In a classroom setting, methodologies including case studies and interactive activities form the basis for the student to use the nursing process as a framework for addressing developmental change, illness prevention, health promotion, maintenance and restoration in child-bearing families. Particular emphasis will be placed on the prenatal, intrapartum and postnatal period.

Prerequisite: Completion of 200 level nursing core. Corequisite: NUR 314L. Offered: fall and spring semesters.

**NUR 314L - Nursing Care of the Developing Family Laboratory (1)**

For basic students only. The course provides students the opportunity to apply the concepts associated with responses of families during the childbearing cycle through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of childbearing patient care settings.

Corequisite: NUR 314. Offered: fall and spring semesters.

**NUR 315 - Nursing Care of Children (2)**

For basic students only. This course presents the essential concepts, theories and developmental

processes vital in understanding the health concerns and problems of children, adolescents and their families. Students examine family-centered nursing care in the health promotion and health maintenance of infants, children and adolescents.

Prerequisite: Completion of 200 level nursing core. Corequisite: NUR 315L. Offered: fall and spring semesters.

**NUR 315L - Nursing Care of Children Laboratory (1)**

For basic students only. This course provides students the opportunity to apply the essential concepts, theories and processes useful in meeting the health and developmental needs of children and their families. Learning experiences are provided to emphasize the role of the nurse and continuity of care in meeting the needs of children and families in acute care and community settings.

Corequisite: NUR 315. Offered: fall and spring semesters.

**NUR 317 - Nursing Care of Adult and Older Adult (4)**

For basic students only. This course explores the concepts and theories necessary to promote and restore health of adults and older adults with biological problems and their related physiological and psychological responses. There is an integration of both physical changes and developmental tasks with the implementation of care considerations of patients throughout the life span.

Prerequisite: Completion of 200 level nursing core. Prerequisite or corequisite: NUR 317L, NUR 345, NUR 347. Offered: fall and spring semesters.

**NUR 317L - Nursing Care of Adult and Older Adult Laboratory (2)**

This course provides students the opportunity to apply concepts and processes learned in the classroom to help adults and older adults in the promotion and maintenance of health. Students examine both adults and older adults from physical, social, psychological and developmental perspectives through a combination of supervised clinical practice activities. Clinical experiences will occur under faculty supervision in a variety of both acute and long-term patient care settings. 140 clinical hours are provided during the semester.

Corequisite: NUR 317. Offered: fall and spring semesters.

**NUR 322 - Contemporary Issues in Health Care (3)**

For basic and pre-MSN students. The health care delivery system is examined from political, economic, legal and ethical perspectives with particular emphasis on the written analysis of legal and ethical dilemmas related to the practice of nursing.

Distribution: (W). Offered: fall and spring semesters.

**NUR 330 - Communication in Nursing (3)**

This course explores techniques for effective verbal and written communication in nursing and other healthcare fields. This is a writing intensive course that

utilizes guided instruction, peer review workshops, and formative feedback to assist students in expressing and synthesizing new knowledge by completing communication logs, weekly responses, and application papers where students will explore guidelines and techniques to establish relationships with patients, families, and colleagues; reflect on how their personal style affects communication; demonstrate understanding of the connection between communication and caring; and explore strategies for self-care to build confidence for personal and professional effectiveness.

Distribution: (W).

#### **NUR 345 - Pharmacology (4)**

For basic students only. This course introduces students to the fundamentals of pharmacology and therapeutics in the treatment of illness, and the promotion, maintenance and restoration of health in patients across the lifespan. The major drug categories are reviewed with emphasis placed on the therapeutic use, action and adverse reaction, as well as benefits and risks to the drug therapy. This prepares the health professional for safe, therapeutic pharmacological interventions.

Prerequisite: Completion of 200 level nursing core. Corequisite: NUR 317. Offered: fall and spring semesters.

#### **NUR 346 - Expressive Art in Healing (3)**

Subtitle: Health Promotion through the Arts. This course examines creativity through a variety of expressive art forms to promote healing for clients and to heal the healer, an imperative for holistic nurses. Various art forms are explored, including visual arts, mask-making, visual and written journals, storytelling, movement and others. Students experience expressive arts through guided exercises and art practices.

Distribution: (A). Offered: spring semester.

#### **NUR 347 - Clinical Human Nutrition (2)**

For basic students only. This course provides information on the fundamentals of nutrition and application. Nutritional needs across the lifespan and nutritional support in selected disorders are specifically discussed.

Prerequisite: Completion of 200 level nursing core. Offered: fall and spring semesters.

#### **NUR 392 - Transcultural Nursing in Latin America (2)**

This course focuses on the preparation of nursing and public health students regarding the practices of healthcare in Latin America. The students will be introduced to the Latin American cultural considerations as well as the major health issues of concern. Additionally, students will be exposed to concepts of the expected professional behavior and barriers to transcultural care of healthcare providers in a foreign country.

Distribution: (IG). Prerequisite: 200 level courses (Basic BSN), or HSC 200 or HSC 236 and HSC 350 or PSY 211 (ESC students). Offered: spring semester.

#### **NUR 392A - Nursing Care in Latin America Practicum (2)**

This is a travel abroad course that requires travel to countries in the Latin American. Nursing and public health students travel to the Monteverde Institute in Costa Rica to learn about and apply community health promotion/disease prevention concepts in a transcultural environment. In addition, the travel component of the course includes 3 days in the urban center of San Jose, Costa Rica as well as the rainforest/rural areas of Monteverde, with guided, interactive tours covering the history, culture, and healthcare trends of the country. As a community health practicum, the service-learning component includes opportunities to practice concepts of health promotion/disease prevention through community education activities.

#### **NUR 410 - Mental Health Nursing Across the Lifespan (2)**

For basic students only. This course examines the biological, environmental, cultural and interpersonal factors that predispose individuals to mental illness. Mental health is viewed as the continuous adaptation to the inevitable stressors of life, and deviations are a result of the inability of individuals to adapt to life's stressors. Individuals are viewed holistically across the lifespan.

Prerequisite: Completion of 300 level nursing core. Corequisite: NUR 410L. Offered: fall and spring semesters.

#### **NUR 410L - Mental Health Nursing Across the Lifespan Laboratory (1)**

For basic students only. The course provides students the opportunity to apply the concepts of mental health nursing through a combination of laboratory and supervised clinical practice. Clinical experiences occur under faculty supervision in a variety of settings in which patients and families with acute and chronic mental health problems may be found.

Corequisite: NUR 410. Offered: fall and spring semesters.

#### **NUR 412 - Nursing Care of the Medically-Complex Patient (4)**

For basic students only. This course examines advanced concepts related to patients experiencing complex multi-system biological problems and related physiological and psychological responses.

Prerequisite: Completion of 300 level nursing core. Prerequisites or corequisites: NUR 412L. Offered: fall semester.

#### **NUR 412L - Nursing Care of the Medically-Complex Patient Laboratory (2)**

For basic students only. The course provides the opportunity for students to apply advanced concepts and processes required to help adults with complex multi-system problems. Students examine adults from physical, social, psychological and developmental perspectives through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of acute care settings.

Corequisite: NUR 412. Offered: fall semester.

### **NUR 415 - Leadership and Management (3)**

For basic students, pre-MSN students, or with instructor approval. This course examines key concepts in leadership and management within the health care system. Emphasis is on organizing and delivering health care, assessing financial resources, planning, managing human resources, improving quality and promoting positive change.

Prerequisite: For basic students, completion of 300-level nursing core. Offered: spring semester.

### **NUR 422 - Principles of Community Health Nursing (3)**

For basic students and pre-MSN students. This course focuses on the community health system by examining it from historical, organizational and political perspectives. Emphases are on analysis of epidemiological trends and the relevance of community assessment to community health nursing practice. The impact of local, state and federal legislation is explored related to the impact on community health.

Corequisite: NUR 422L. Offered: fall and spring semesters.

### **NUR 422L - Community Health Laboratory (2)**

For basic students only. The course provides the opportunity to synthesize and apply cognitive knowledge of community health nursing. Through supervised clinical practice, students provide culturally competent care to individuals, families and groups in a variety of community agencies. This course includes 4 hours of clinical per week plus a class seminar. For those students enrolled in the travel section of NUR 422L, 40-60 clinical hours will be gained through education abroad; the additional requisite hours will be completed in a local community setting plus a class seminar.

Corequisite: NUR 422. Offered: fall and spring semesters.

### **NUR 423 - Palliative Care (3)**

This course will review the key concepts of palliative care and end-of-life nursing care. Topics covered utilizing the End-of-Life Nursing Consortium (ELNEC) training modules will include: pain and symptom management, ethical issues, cultural considerations, communication techniques, care during the final hours of life, and loss, grief and bereavement. In addition, the practice of palliative care in special populations and in various settings will be discussed. This course will be

highly interactive and will include opportunities to hear from guest speakers that are experts in the field of palliative and end-of-life care.

Distribution: (W). Prerequisite: Completion of 200 level nursing core. Offered: fall and spring semesters.

### **NUR 430 - Holistic Care: Alternative Therapies for Self-Care and Professional Practice (3)**

Open to non-nursing students. This course examines alternative health practices from a cross-cultural perspective. Healing interventions such as acupuncture, biofeedback, homeopathy, meditation, and traditional Chinese and herbal medicine are studied and demonstrated by practitioners. Emphases are on the historical underpinnings of holistic health practices and the political/economic ramifications on global health. This course also compares and contrasts nontraditional modalities of health care with industrial models.

Distribution: (IG) (NW). Offered: fall semester.

### **NUR 432 - Introduction to Nursing Research (3)**

For basic students and pre-MSN students. Students will learn about discipline-specific writing and research processes for nursing studies and engage nursing research through formal and informal writing work.

Distribution: (W). Prerequisite: For basic students: NUR 201 and statistics. Offered: fall and spring semesters.

### **NUR 441 - Introduction to Nursing Informatics (3)**

For basic students only. This course introduces the novice nursing student to the field of nursing informatics. Nursing informatics is the specialty that integrates nursing science with information technology and analytical sciences to identify, define, manage, and communicate data, information, and knowledge to support nursing practice in providing safe patient care. Focus of this course includes identifying, researching, and presenting a proposal to update a specific health care technology device with the primary focus of patient safety.

Prerequisite: Completion of 200 level nursing core: NUR 201, NUR 210, NUR 213, NUR 213L, NUR 218. Offered: fall semester.

### **NUR 450 - Independent Study in Nursing (1-3)**

An independent study that provides students with an opportunity to pursue a topic or project under the guidance of a nursing faculty member. By permission of instructor and department director. May include a practicum.

Offered: fall and spring semesters.

### **NUR 452 - Clinical Preceptorship (4)**

For basic students only. This course focuses on the integration, analysis, and synthesis of knowledge acquired throughout the nursing curriculum. The student utilizes knowledge from the physical, biological and behavioral sciences to provide safe, high quality, culturally competent nursing care. Critical thinking skills are further developed. The student incorporates

principles of teaching and learning to promote, maintain and restore health.

Prerequisite: NUR 412, NUR 412L. Offered: spring semester.

### **NUR 454 - Senior Seminar (3)**

For basic students only. This seminar course addresses professional role transition and assists the student in preparing for the NCLEX-RN licensure examination.

Corequisite: NUR 415. Offered: spring semester.

### **NUR 455 - Selected Topics in Nursing (1-3)**

For elective credit only. An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues affecting nursing and health care.

Offered: fall, spring and summer semesters.

### **NUR 600 - Scholarly and Professional Communication in Nursing (2)**

This course focuses on writing and communication skills for nursing professionals. Students will learn APA style and how to apply these rules in writing and communication in developing evidence-based practice (EBP) manuscripts and scholarly nursing presentations. Students will practice proper techniques for properly citing sources, preparing an EBP manuscript, developing PICOT statement and expressing material clearly and accurately. Must be taken in first academic term.

Offered: fall, spring and summer semesters.

### **NUR 601 - Professional Issues and the Nurse Practitioner (3)**

For graduate students only. This course focuses on current practice issues related to the emerging role of the nurse practitioner in health care delivery. Emphases are on critical review and analysis or role implementation strategies, and role performance as a clinician, educator, case manager, leader, consultant and colleague.

Prerequisite: Prerequisite or Corequisite: NUR 600 or GRE equivalent. . Offered: fall, spring and summer semesters.

### **NUR 618 - Advanced Health Assessment and Clinical Reasoning (3)**

For graduate students only. This course builds on the competencies acquired in a baccalaureate nursing assessment course. Emphasis is placed on advanced practice assessment skills including: clinical reasoning and advanced physical assessment; analysis and synthesis of assessment data; demonstration of competency in oral and written presentation of comprehensive and focused assessment findings for clients across the life span. An evidence-based practice framework will be utilized.

Prerequisite: NUR 601. Corequisite: NUR 618. Offered: fall and spring semesters.

### **NUR 618L - Advanced Health Assessment and Clinical Reasoning Lab (1)**

For graduate students only. This course builds on the competencies acquired in a baccalaureate nursing assessment course. Emphasis is placed on clinical application of the advanced practice assessment skills including: clinical reasoning and advanced physical assessment, analysis and synthesis of assessment; demonstration of competency in oral and written presentation of findings for clients across the lifespan. Students will practice and implement concepts, principles and content covered in NUR 618. An evidence-based practice framework will be utilized.

Prerequisite: NUR 601. Corequisite: NUR 618. Offered: fall and spring semesters.

### **NUR 620 - Knowledge Generation and Validation in Advanced Practice (3)**

For graduate students only. Emphasizes knowledge development in nursing science through concurrent inductive analysis of models/methods of theory generation and deductive analysis of models/methods of theory validation through focus on quantitative and qualitative research processes. Provides opportunity for development of a theory linked research proposal that will support evidence-based advanced practice.

Prerequisite: Prerequisites or corequisites: NUR 601 and statistics. Offered: fall, spring and summer semesters.

### **NUR 621 - Primary Care Procedures (2)**

This course covers the ethical, legal, and safe standards of care in selected clinical topics in NP practice. Topics include, but are not limited to primary care procedures, emergency and wilderness medicine. Procedures include: wound closures (sutures, staples, wound adhesives); local anesthesia, digital blocks, splinting, casting, HEENT procedures (fluorescein staining, foreign body removal, Morgan lens irrigation, Wood's light/Slit lamp); cerumen disimpaction/irrigation; nasal fracture management, epistaxis; toenail removal; I&D, splinter removal, X-ray interpretation; reduction of nursemaid's elbow. Florida specific injuries cover stings, bites, fishhook removal, tick removal and snakes/spiders/frogs.

Prerequisite: Prerequisites or corequisites: NUR 618 and NUR 618L. Permission of MSN program director required. Offered: fall and spring semesters.

### **NUR 623 - Palliative Care (3)**

This course will review the key concepts of palliative care and end-of-life nursing care. Topics covered utilizing the End-of-Life Nursing Consortium (ELNEC) training modules will include: pain and symptom management, ethical issues, cultural considerations, communication techniques, care during the final hours of life, and loss, grief and bereavement. In addition, the practice of palliative care in special populations and in various settings will be discussed. This course will be highly interactive and will include opportunities to hear

from guest speakers that are experts in the field of palliative and end-of-life care.

Prerequisite: Graduate student status. Offered: fall and spring semesters.

### **NUR 625 - Business Skills for the Independent Nurse Practitioner (1)**

This course emphasizes the clinical application of business, economic, and practice management knowledge necessary to successfully transition the primary care practitioner into collaborative and independent clinical practice.

Prerequisite: NUR 600 and NUR 601.

### **NUR 645 - Clinical Pharmacology (3)**

For graduate students only. This course emphasizes the clinical application of the major classifications of drugs and the development of knowledge needed by the advanced practice nurse to assure that drug therapy is based on sound therapeutic judgments and decision-making processes. A lifespan approach is utilized to address client needs of drug therapy in primary, secondary and tertiary care settings. Statutory authority for prescription writing protocols is examined.

Prerequisite: NUR 655 and pre/or co-req: NUR 601, NUR 620, NUR 647. Offered: fall, spring and summer semesters.

### **NUR 647 - Health Promotion and Disease Prevention for Families and Communities (3)**

For graduate students only. This course provides the opportunity for the advanced practice nurse to understand and integrate health promotion and disease prevention concepts in a patient centered, culturally appropriate way. This includes principles of planning, implementation, and evaluation of evidenced based care to individuals, families, and communities.

Offered: fall, spring and summer semesters.

### **NUR 655 - Advanced Pathophysiology (3)**

This course addresses concepts of human pathophysiology across the lifespan and the alterations that take place when the body is compromised by genetics, immunity, stress, and environmental injury or disease. Advanced application of pathophysiologic disease states of the body are covered at the level necessary for nurse practitioner practice. The diagnostic process utilizing clinical reasoning to synthesize patient data and develop differential diagnoses is examined.

Prerequisite: Admission to MSN program.  
Corequisite: NUR 600. Offered: fall, spring and summer semesters.

### **NUR 675 - Practicum in Adult Primary Care I (4)**

This practicum course provides the opportunity to apply knowledge and skills learned in the classroom in caring for adults in primary care settings. Students may enroll in no more than one practicum courses in a single academic term.

Prerequisite: Corequisites or NUR 677 . Offered: fall, spring and summer semesters.

### **NUR 676 - Practicum in Older Adult Primary Care (4)**

This practicum course provides the opportunity to apply knowledge and skills learned in the classroom in caring for the older adult in primary care settings. Students may enroll in no more than one practicum courses in a single academic term.

Prerequisite: Pre- or corequisite: NUR 680. Offered: fall, spring and summer semesters.

### **NUR 677 - Healthcare Management of the Adult Client (3)**

This course prepares the student in the management of acute and chronic health conditions in the adult population in the primary care setting. Students are provided the theoretical foundation to assess, diagnose, and manage the adult patient across the lifespan utilizing diagnostic reasoning skills. Emphasis is focused on health promotion, health maintenance, and restoration of the adult patient health status by utilizing evidence-based practice in managing the patient's care through pharmacologic and non-pharmacologic interventions. Holistic instruction includes providing culturally competent, ethical, age, and gender specific care to the patient, family, and the community.

Prerequisite: NUR 618, 645 and 655. Offered: fall, spring and summer semesters.

### **NUR 680 - Healthcare Management of the Older Adult (3)**

This course prepares students in the management of normal and common health pattern variations pertaining to older adult health care in the primary care setting. It provides students with a theoretical base to assess, diagnose and manage the care of older adults across the lifespan. Emphasis is placed on collaborative management to achieve desired outcomes. Students will focus on promotion, maintenance and restoration of the older adult's health patterns. Culturally competent, holistic, ethical, age and gender specific and risk stratified care will be discussed. Evidence based practice will be the basis for care management.

Prerequisite: NUR 618, NUR 645 and NUR 655. .  
Offered: fall, spring and summer semesters.

### **NUR 682 - Healthcare Management of Women (3)**

This course prepares students in the management of normal and common health pattern variations pertaining to women's health care in the primary care setting. It provides students with a theoretical base to assess, diagnose and manage the care of women across the lifespan. Emphasis is placed on collaborative management to achieve desired outcomes. Students will focus on promotion, maintenance and restoration of women's health patterns. Culturally competent, holistic, ethical, age and gender specific including risk

stratified care will be discussed. Evidence based practice will be the basis for care management.

Prerequisite: NUR 618, NUR 645 and NUR 655. .  
Offered: fall, spring and summer semesters.

**NUR 685 - Practicum in Infants, Children and Adolescent Primary Care (4)**

This practicum experience provides the opportunity to apply knowledge and skills learned in the classroom in caring for infants, children and adolescents in primary care settings. Students may enroll in no more than one practicum courses in a single academic term.

Prerequisite: Prerequisite or corequisite: NUR 687. .  
Offered: fall, spring and summer semesters.

**NUR 686 - Practicum in Women's Primary Care (4)**

This practicum course provides the opportunity to apply knowledge and skills learned in the classroom in caring for women in primary care settings. Students may enroll in no more than one practicum courses in a single academic term.

Prerequisite: Prerequisite or corequisite: NUR 682.  
Offered: fall, spring and summer semesters.

**NUR 687 - Healthcare Management of Infants, Children and Adolescents (3)**

This course emphasizes primary care management of common acute and chronic health problems of infants, children and adolescents.

Prerequisite: NUR 618, 645 and 655. Offered: fall, spring and summer semesters.

**NUR 695 - Selected Topics in Nursing (1-3)**

An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues of global relevance affecting nursing and health care.

Prerequisite: Permission of instructor and department director. Offered: fall, spring and summer semesters.

**NUR 700 - Introduction to DNP Role & Clinical Inquiry (1)**

For DNP students. Introduction to the essential elements of the Doctor of Nursing Practice and emphasis on personal development as an APN clinical scholar. DNP students will be introduced to the requisite knowledge, skills, and attitudes to continually improve the quality and safety of healthcare systems. Content will introduce students to the concepts of the scholarly project and its purpose in addressing a current clinical issue in the healthcare system.

Prerequisite: Admission to DNP Program.

**NUR 701 - Clinical Epidemiology for APNs (3)**

For DNP students. This course provides APN students with an overview of morbidity and mortality surveillance through understanding disease etiology, distribution and control. The course focuses on disease surveillance through both descriptive and analytical methods. Epidemiological methods of study will be

examined in the application of epidemiological and biostatistical skills.

Prerequisite: Admission to DNP Program.  
Corequisite: NUR 700.

**NUR 702 - APN Care of At-Risk Vulnerable Populations (2)**

For DNP students. The focus of the course is on management of healthcare problems experienced by at-risk vulnerable populations across the lifespan. Students analyze social determinants that impact access to care, models of healthcare delivery and health outcomes. The impact of issues such as mistreatment, abuse, homelessness, and end-of-life concerns related to healthcare needs are examined.

Prerequisite: Admission to DNP Program.  
Corequisite: NUR 700.

**NUR 703 - Research Translation for APN Clinical Practice (3)**

For DNP students. The course is designed to develop the knowledge and skill for systematic inquiry about clinical phenomena, interventions, and issues using best evidence to guide translation of knowledge into practice. Research and quality improvement studies will be reviewed and evaluated for scientific merit, potential for translation into practice, and impact on quality health care and outcomes. The course enables students to build a scientific foundation for ongoing critical self-reflection for improving their practice following a systematic appraisal of available evidence.

Prerequisite: Admission to DNP Program. NUR 700 and NUR 701.

**NUR 704 - Healthcare Informatics and Information Systems for APN Clinical Practice (3)**

For DNP students. In this course students will explore the use of information systems and technology applicable to advanced practice in guiding evidence-based practice, providing program and outcome evaluation, quality improvement initiatives, improving clinical workflow and administrative decision making with an emphasis on providing leadership within healthcare systems. Discussion of the legal, ethical and cultural issues as they relate to the use of information technology for improvement of healthcare will be integrated throughout the course.

Prerequisite: Admission to DNP Program. NUR 700. .

**NUR 705 - Healthcare Leadership and Management for APNs (3)**

For DNP students. This course focuses on development of the APN's role in creating and implementing organizational change. Emphasis is placed on strategic thinking, influence, negotiation and power strategies required for effective leadership in contemporary health delivery systems. Various strategies in management of change in health care environments including the associated management of



conflict, change, and control of risk within an organizational context are examined.

Prerequisite: Admission to DNP Program. NUR 700. .

### **NUR 706 - DNP Project I: PICOT (2)**

For DNP students. This is the first of four sequential courses in the development of the scholarly project. The course emphasizes the assessment and identification of a nursing practice issue (utilizing PICOT format) focused on a population of interest that lays the groundwork for development of the culminating DNP scholarly project. The student will initiate the development of the scholarly project prospectus and apply clinical scholarship to improve patient and population health outcomes. This course is associated with a minimum of 112 practice hours in an area related to the practice inquiry.

Prerequisite: Admission to DNP Program. NUR 703. .

### **NUR 707 - Health Policy and Advocacy for APN Clinical Practice (3)**

For DNP students. In this course, students examine current issues in health care policy in the U.S. and the role of APNs as leaders in effecting policy change. The influence of different political and economic conditions on health policy is analyzed within the context of historical, socioeconomic, ethical, legal and global perspectives. Students will engage in policy analysis and strategic planning for influencing positive change in health care policy.

Prerequisite: Admission to DNP Program. NUR 700. .

### **NUR 708 - DNP Project II: Project Plan (2)**

For DNP students. This is the second of four sequential courses in the development of the scholarly project. The focus is on the design of the scholarly project proposal that addresses a specific problem of interest. Students will utilize evidence based findings and practice inquiry skills to synthesize and integrate newly acquired knowledge in the development of their project proposal. The student will continue the development of the scholarly project proposal which includes an oral defense and IRB submissions. This course is associated with a minimum of 112 practice hours in an area related to the practice inquiry.

Prerequisite: Admission to DNP Program. NUR 706. .

### **NUR 709 - Genomics and APN Clinical Practice (3)**

For DNP students. This course focuses on the genetics influences and determinants affecting the health of individuals, families and communities. The relationship of genetics and genomics to health, disease prevention, screening, diagnostics, prognostics, selection of treatment, and monitoring of treatment effectiveness will be explored. The emerging role of pharmacogenomics in the individualization of drug therapy is also explored. Throughout the course, ethical, legal and social implications of genomic knowledge are appraised.

Prerequisite: Admission to DNP Program. NUR 700. .

### **NUR 710 - DNP Project III: Implementation Phase (3)**

For DNP students. This is the third of four sequential courses in the development of the scholarly project. The focus of this course is on the implementation of the proposed plan with evidence-based interventions to address the selected problem of interest. This course is associated with a minimum of 168 practice hours in an area related to the practice inquiry.

Prerequisite: Admission to DNP Program. NUR 708. .

### **NUR 711 - DNP Project IV: Evaluation and Dissemination (2)**

For DNP students. This is the final course for the DNP program of study. The focus of this course is in the evaluation and dissemination of the project outcomes. Completion of the scholarly project demonstrates the student's attainment of the program outcomes and provides evidence of the student's knowledge and expertise as an advanced practice nurse at the practice doctorate level. This course is associated with a minimum of 112 practice hours in an area related to the practice inquiry.

Prerequisite: Admission to DNP Program. NUR 710. .

### **NUR 720 - Leadership in Changing Healthcare Environments (3)**

For DNP students. This course prepares the DNP to assume leadership in healthcare transformation. It will provide the foundation necessary to enter into the highest level of advanced practice nursing to develop practice that benefits patients, families and populations. Topics covered will be organizational and systems thinking, healthcare financing, business skills, quality management and interprofessional collaboration.

Prerequisite: Admission to DNP Program. NUR 700 and NUR 701.

### **NUR 730 - Nursing Education in 21st Century Nursing Education (3)**

For DNP students. Learners examine issues related to nursing program development within the complex and highly regulated environment of nursing education. With a focus on regulatory and accrediting bodies, learners determine the best methods for designing, evaluating, and improving nursing education programs to meet the diverse needs of industry and other stakeholders in 21st century healthcare. Learners explore the nature of leadership roles in public and private institutions including the leadership characteristics, skills needed, and outcomes desired of educators at the dean, department chair, faculty, and staff development educator level. Practicum hours (50) in an academic or clinical site required.

Prerequisite: Admission to DNP Program. NUR 700.

### **NUR 795 - Special Topics in Advanced Nursing Practice (1-3)**

For DNP students only. A lecture and/or practicum course offered at the discretion of the nursing faculty. Subject may focus on a topic of current interest in advance practice nursing, training in a specific area of the field, or a topic that is of interest to a particular group of students. May be repeated for credit if topic is different.

Prerequisite: Admission to DNP program. Consent of department chair or DNP program director.

### **NUR 799 - Independent Study in Advanced Nursing Practice (1-3)**

For DNP students only. The course consists of directed readings and research on a topic of interest to the student. Subject matter must be determined through student-faculty consultation. May include practicum hours. Independent studies may be taken with any full-time professor in the DNP program and requires consent of department chair. May be repeated for variable credit of 1-3 hours per course.

Prerequisite: Admission to DNP program. Permission of department chair or DNP program director.

## **PAM - Physician Assistant Medicine**

### **PAM 600 - Applied Human Anatomy & Physiology (4)**

A course designed to provide knowledge of the structure, form and function of the human body through a body system approach. Clinically relevant medical terminology, areas of radiographic imaging, surface anatomy, and clinical case correlations are integrated into the course. The student, through utilization of state of the art virtual dissection, will achieve visual-spatial realization of human structure and function. Students will acquire anatomic and physiologic knowledge with clinical application through lecture and small group work.

Prerequisite: Admission to PA Program.

### **PAM 601 - Applied Human Anatomy Lab (2)**

A course designed to allow students to obtain competency in the visual-spatial (3D) realization of the human body's structure and function. Through dissection, the student will develop the kinesthetic skills necessary to competently perform medical procedures. The course will include knowledge regarding compassion, respect and medical professionalism through the interactions with the medical team and human cadaver. Clinically relevant medical terminology, areas of radiographic imaging, surface anatomy, and clinical case correlations are integrated into the course. Students will acquire anatomic knowledge with clinical application through cadaveric laboratory experience to include human, synthetic and/or virtual dissection.

Prerequisite: Admission to PA Program.

### **PAM 602 - Applied Medical Science (3)**

A course designed to provide a foundation in science as applied to clinical medicine. This course will cover

the following topics: embryology, the genetic and molecular mechanisms of health and disease, the inflammatory process, and microbiology as applied to disease states. Team based learning modules highlight clinical correlations and the importance of understanding illness and disease at the molecular level. Instruction will include lecture as well as small group exercises and/or problem/case based learning.

Prerequisite: Admission to PA Program.

### **PAM 610 - Physical Diagnosis (3)**

A course designed to provide the knowledge necessary to obtain and complete the medical history and physical examination through the utilization of therapeutic communication, medical equipment, accurate medical terminology and proper examination techniques. The course will provide instruction on the application of appropriate history and physical examination techniques for adults during an annual well exam. Students will be introduced to other visit types such as emergent, acute and chronic visits. Organizational skills for oral and written presentation of findings will be included. The course will be delivered in lecture and small group format.

Prerequisite: Admission to PA Program.

### **PAM 611 - Physical Diagnosis Lab (4)**

A course designed to provide training on the skills and competencies necessary to obtain and complete the medical history and physical examination. The course will provide students the opportunity to practice H&P skills, obtain and demonstrate competency in a simulated environment. Students are assessed on the application of history and physical examination techniques for adults during an annual well exam. Students will be introduced to other visit types such as emergent, acute and chronic visits. Organizational skills for oral and written presentation of findings will be practiced and assessed. The course will be delivered in a laboratory format.

Prerequisite: Admission to PA Program.

### **PAM 620 - Medical Practice: Professionalism & Ethics (1)**

The first in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. Topics covered in this course include history of profession, academic honesty, medical professionalism, medical ethics and medical documentation. Instruction will include lecture as well as small group exercises and/or problem-case based learning.

Prerequisite: Admission to PA Program.

### **PAM 621 - Medical Practice: Communication & Patient Education (1)**

The second in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. Topics covered in this course include

effective interpersonal communication, medical Spanish, basic counseling and patient education. Instruction will include lecture as well as small group exercises and problem or case based learning.

Prerequisite: Admission to PA Program. PAM 620.

### **PAM 622 - Medical Practice: Evidence Based Medicine (1)**

The third in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. This course will guide the student in developing problem solving skills to apply to the medical decision making process. The course will include instruction to prepare students to search, interpret and evaluate medical literature to include its application to individualized patient care. Instruction will include lecture as well as small group exercises and/or problem or case based learning.

Corequisite: Admission to PA Program. PAM 621.

### **PAM 623 - Medical Practice: Legal and Regulatory Issues (1)**

The fourth in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. Topics covered in this course include the statutes that govern PA practice, current healthcare laws, safety and quality improvement in health care, the effects of health policy on PA practice, and regulations applied to medical practice. Instruction will include lecture as well as small group exercises and problem/case based learning.

Prerequisite: Admission to PA Program. PAM 622.

### **PAM 624 - Medical Practice: Systems Based Practice (1)**

The fifth in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. Topics covered include health insurance, transitions of care, health care systems, pay for performance, patient centered medical home and chronic care. Instruction will include lecture as well as self-directed studies and/or small group exercises.

Prerequisite: Admission to PA Program. PAM 623.

### **PAM 625 - Medical Practice: Personal and Professional Development (1)**

The sixth in a series of courses designed to aid the student's transition into the medical profession and serves as an introduction to multiple professional practice issues. Topics covered in this course include personal and professional growth, participation in professional organizations, lifelong learning strategies, participation in the legislative process, and interprofessional team principles. Instruction will include lecture as well as self-directed studies and/or small group exercises.

Prerequisite: Admission to PA Program.

### **PAM 630 - Clinical Medicine I (6)**

A course designed to guide the development of problem solving skills of medical decision making process. It will include an examination of diseases/disorders using a body system approach. Medical knowledge includes the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, management, and patient education of diseases/disorders. Emphasis will be on disease processes common to primary care practices. Instruction includes the provision of care in preventive, emergent, acute, chronic, adolescent, adult and elderly populations as it applies to disease processes. Instruction will include lecture, problem/case based learning and small group work (systems include Dermatology, Hematology/Oncology, Infectious Diseases, Nephrology, Genitourinary, Psychiatric, Neurology and Endocrinology).

Prerequisite: Admission to PA Program.

### **PAM 631 - Clinical Medicine II (4)**

A course designed to guide the development of problem solving skills to apply in the medical decision making process. It will include an examination of diseases/disorders using a body system approach. Medical knowledge includes the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, management, and patient education of diseases. Emphasis will be on disease processes/disorders common to primary care practices. Instruction includes the provision of care in preventive, emergent, acute, chronic, adolescent, adult and elderly populations as it applies to disease processes. Instruction will include lecture, problem/case based learning and/or small group work (systems include Cardiovascular and Pulmonology).

Prerequisite: Admission to PA Program. PAM 630.

### **PAM 632 - Clinical Medicine III (6)**

A course designed to guide the development of problem solving skills to apply in the medical decision making process. It will include an examination of diseases/disorders using a body system approach. Medical knowledge includes the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, management, and patient education of diseases/disorders. Emphasis will be on disease processes common to primary care practices. Instruction includes the provision of care in preventive, emergent, acute, chronic, adolescent, adult and elderly populations. Instruction will include lecture, problem/case based learning and/or small group work (systems include Gastrointestinal, Orthopedics, Rheumatology, Autoimmune, EENT/Oral Health, Gynecologic, Obstetrics & Men's Health).

Prerequisite: Admission to PA Program. PAM 631.

### **PAM 640 - Pharmacotherapeutics I (3)**

A course designed to guide the student in developing problem solving skills to apply in the medical decision making process in making therapeutic treatment decisions to include both prescription and over the

counter medications. Both the pharmacology and pharmacotherapeutics of drug classes are covered as well as safe, ethical, therapeutic and legal prescribing practices. This course will follow the same body system approach as the clinical medicine course modules. Instruction will include lecture, problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program.

#### **PAM 641 - Pharmacotherapeutics II (2)**

A course designed to guide the student in developing problem solving skills to apply in the medical decision making process in making therapeutic treatment decisions to include both prescription and over the counter medications. Both the pharmacology and pharmacotherapeutics of drug classes are covered as well as safe, ethical, therapeutic and legal prescribing practices. This course will follow the same body system approach as the clinical medicine course modules. Instruction will include lecture, problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program. PAM 640.

#### **PAM 642 - Pharmacotherapeutics III (3)**

A course designed to guide the student in developing problem solving skills to apply in the medical decision making process in making therapeutic treatment decisions to include both prescription and over the counter medications. Both the pharmacology and pharmacotherapeutics of drug classes are covered as well as safe, ethical, therapeutic and legal prescribing practices. This course will follow the same body system approach as the clinical medicine course modules. Instruction will include lecture, problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program. PAM 641.

#### **PAM 650 - Applied Patient Care Skills I (4)**

A course designed to allow students to become competent in performing a variety of patient care skills. Skills are sequenced to the body systems being covered in the corresponding clinical medicine course to include physical examination, diagnostic, procedural, communication, professionalism and team based skills. The course will allow students to safely apply the medical decision-making process and learn procedural skills in a simulated environment. This course utilizes the PA simulation center to include high fidelity simulators, task trainers and standardized patient experiences.

Prerequisite: Admission to PA Program.

#### **PAM 651 - Applied Patient Care Skills II (4)**

A course designed to allow students to become competent in performing a variety of patient care skills. Skills are sequenced to the body systems being covered in the corresponding clinical medicine course to include physical examination, diagnostic, procedural, communication, professionalism and team based skills. The course will allow students to safely apply the medical decision-making process and learn procedural

skills in a simulated environment. This course utilizes the PA simulation center to include high fidelity simulators, task trainers and standardized patient experiences.

Prerequisite: Admission to PA Program. PAM 650.

#### **PAM 652 - Applied Patient Care Skills III (4)**

A course designed to allow students to become competent in performing a variety of patient care skills. Skills are sequenced to the corresponding clinical medicine course to include physical examination, diagnostic, procedural, communication, professionalism and team based skills. The course will allow students to safely apply the medical decision-making process and learn procedural skills in a simulated environment. This course includes instruction in ACLS and PALS which must be successfully completed to pass the course. Students are assessed on the application of history and physical examination techniques for the following populations: infant, children, adolescents, and elderly in the following visit types: annual well exam, focused, emergent, acute and chronic. This course utilizes the PA simulation center to include high fidelity simulators, task trainers and standardized patient experiences. This course includes the didactic summative and clinical orientation instruction.

Prerequisite: Admission to PA Program. PAM 651.

#### **PAM 660 - Public Health and Preventive Medicine (2)**

A course designed to explore concepts of public health as they relate to the role of the practicing PA. Students will utilize the US Preventive Health Service task force clinical guidelines to identify preventive services for patient across the life span. Included social/behavioral topics are: death, dying and loss, normal and abnormal development across the life span, patient response to illness, injury and stress, substance abuse/addiction, violence identification and prevention and childhood behavioral health concerns. Instruction will include lecture as well as small group exercises and problem/case based learning.

Prerequisite: Admission to PA Program.

#### **PAM 661 - Community Medicine (2)**

A course designed to introduce the concept of the social determinants of health including the sociocultural, economic and environmental factors that influence a patient's health. The role of the PA in incorporating these issues into an appropriate plan of care will be explored. Students will gain experience, in the clinical setting, in history and physical exam skills. Providing medical care to patients with consideration for disability, ethnicity/ race, gender identity, religion/spirituality, and sexual orientation will be discussed. Students will participate in a medical service learning project in the community.

Prerequisite: Admission to PA Program.

#### **PAM 670 - Medical Diagnostics (3)**

A course designed to develop a functional understanding of the appropriate utilization of diagnostic tests common to primary care based medicine. The student will learn to select, order, interpret and apply the results of diagnostic studies in the medical decision making process. Topics include clinical laboratory medicine, radiology, nuclear medicine, EKG, cardiac stress test, ECHO, and pulmonary function test. The utilization of ultrasound to guide procedures as well as a diagnostic tool will be included. The course will include lecture, lab and problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program.

#### **PAM 674 - Specialty Medicine I (2)**

A course designed to guide students in obtaining medical knowledge and developing problem solving skills to apply in the medical decision-making process and patient care as it applies to trauma, hospital floor medicine, emergency medicine, critical care, intensive care, pain/physical rehabilitation and surgical care. The course will include lecture, problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program.

#### **PAM 675 - Specialty Medicine II (3)**

A course designed to guide students in obtaining medical knowledge and developing problem solving skills to apply in the medical decision-making process and patient care as it applies to military/disaster medicine, telemedicine, pediatric medicine, parenting, geriatric medicine, and occupational/environmental medicine. The course will also provide instruction on the application of appropriate history and physical examination techniques for the following populations: infant, children, adolescents, and elderly in the following visit types: annual well exam, focused emergent, acute and chronic. The course will include lecture, problem/case based learning and/or small group work.

Prerequisite: Admission to PA Program. PAM 674.

#### **PAM 700 - Family Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to provide care in the ambulatory outpatient family medicine clinic. The course will deliver education on providing comprehensive evidence-based, gender/age specific individualized care, addressing acute and chronic diseases, health promotion and disease prevention in the context of each patient's social, economic, cultural and religious background. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 701 - Internal Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision-making process while developing the appropriate knowledge, skills and abilities to provide care needed by hospitalized patients. During this rotation students will learn the indications for admission, the care of an admitted patient, and the process for transfer of the patient from admitted to discharged. Students will have the opportunity to work as part of the primary team while coordinating with subspecialist, and interdisciplinary allied health professionals.

Prerequisite: Physician Assistant Medicine.

#### **PAM 702 - Pediatric Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to provide care in a pediatric medicine practice. The course provides education in comprehensive, evidence-based, gender/age specific individualized care, addressing acute and chronic diseases (sick child), health promotion (well child) and disease prevention in the context of each patient's social, economic, cultural and religious background. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 703 - Surgical Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to provide care in the surgical medicine practice. The experiences in this rotation will include pre-operative, intra-operative (assisting) and post-operative surgical care. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 704 - Emergency Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to provide care in the emergency medicine practice. The rotation will take place in emergency departments. This rotation allows students to establish triage skills, learn to recognize and manage conditions that need immediate attention and prioritize care for conditions that are less urgent. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 705 - Behavioral Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to recognize and provide care for various behavioral/mental health problems. In settings, such as in/outpatient behavioral/mental health facilities and multiservice centers students will participate in behavioral/mental health evaluations, observe behavioral/mental therapy/interventions, and discuss management plans. Emphasis is on applying skills learned to treatment of behavioral/mental health issues in primary care. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 706 - Women's Medicine Rotation (4)**

A supervised clinical practice experience designed to give students the opportunity to participate in the medical decision making process while developing the appropriate knowledge, skills and abilities to provide care in a women's health medicine practice. Experiences include prenatal care, obstetric/gynecologic health histories, ob/gyn exams, evaluation and management planning. Emphasis is on applying skills learned to the treatment of ob/gyn health issues in primary care in the context of each patient's social, economic, cultural and religious background. Students will engage with the interprofessional team and behave as a medical professional with patients, families and other members of the medical team.

Prerequisite: Physician Assistant Medicine.

#### **PAM 707 - Elective Experience Rotation I (3)**

A supervised clinical practice experience selected by the student designed to give students the opportunity to develop appropriate knowledge, skills, and abilities in patient care, knowledge for practice, practice based learning and improvement, communication, professionalism, interprofessional collaboration, system based practice and/or professional development. Options for students to achieve this include but are not limited to, additional experience in a required rotation; medical discipline of interest not encountered in the previous rotations; public health service; administration; and health policy. If the selected site does not have an existing affiliation, approval from the Clinical Education Coordinator is required.

Prerequisite: Physician Assistant Medicine.

#### **PAM 708 - Elective Experience Rotation II (3)**

A supervised clinical practice experience selected by the student designed to give students the opportunity to develop appropriate knowledge, skills, and abilities in patient care, knowledge for practice, practice based learning and improvement, communication, professionalism, interprofessional collaboration, system based practice and/or professional

development. Options for students to achieve this include but are not limited to, additional experience in a required rotation; medical discipline of interest not encountered in the previous rotations; public health service; administration; and health policy. If the selected site does not have an existing affiliation, approval from the Clinical Education Coordinator is required.

Prerequisite: Physician Assistant Medicine.

#### **PAM 710 - Physician Assistant Competencies I (2)**

A course designed to monitor the second-year PA students progression in obtaining the program defined PA competencies. Students will complete practical examinations in a simulated patient encounter that will include the utilization of high fidelity simulators, task trainers, and/or standardized patients. Under the guidance of their faculty mentor, students will complete sections of their final capstone project during this course.

Prerequisite: Physician Assistant Medicine.

#### **PAM 711 - Physician Assistant Competencies II (2)**

A course designed to monitor the second-year PA student's progression in obtaining the PA program defined competencies. Students will complete practical examinations in a simulated patient encounter that will include the utilization of high fidelity simulators, task trainers, and/or standardized patients. Under the guidance of their faculty mentor, students will complete sections of their final capstone project during this course.

Prerequisite: Physician Assistant Medicine. PAM 700.

#### **PAM 712 - Physician Assistant Competencies III (2)**

A course designed to monitor the second-year PA students progression in obtaining the PA program defined competencies. Students will complete practical examinations in a simulated patient encounter that will include the utilization of high fidelity simulators, task trainers, and/or standardized patients. Under the guidance of their faculty mentor, students will complete sections of their final capstone project during this course.

Prerequisite: Physician Assistant Medicine. PAM 711.

#### **PAM 800 - Graduation Seminar (2)**

A course designed to prepare students for the final transition from student to medical provider. A summative assessment of physician assistant competencies will be included. The final capstone research project will be presented in this course. Topics covered include certifying examination review, certification process, professional licensure, malpractice, professional career planning, contract negotiations, credentialing process and financial planning. Content will be delivered in lecture, lab and small groups.

Prerequisite: Physician Assistant Medicine.

## PES - Physical Education Service

### PES 111 - Aerobic Dance (2)

A co-educational activity class providing instruction in the principles of aerobic conditioning and development of aerobic dance skills.

Offered: fall and spring semesters.

### PES 125 - Weight Training (1)

A co-educational activity class that covers the necessary skills and techniques to enjoy participation in weight training for health and recreation.

Offered: fall and spring semesters.

## PHL - Philosophy

### PHL 200 - Introduction to Philosophy (4)

A study of philosophical methods and concepts via selected philosophical systems and problems.

Distribution: (HFA). Offered: fall and spring semesters.

### PHL 201 - Logic (4)

Studies principles of correct reasoning: formal and informal arguments.

Distribution: (HFA). Offered: fall and spring semesters.

### PHL 202 - Ethics (4)

Examines major systems of thought regarding problems of moral value and the good life.

Distribution: (HFA). Offered: fall and spring semesters.

### PHL 203 - Contemporary Philosophy (4)

Examines major concepts and methods of 20th- and 21st- century philosophy.

Distribution: (HFA).

### PHL 204 - Aesthetics (4)

An examination of selected topics in the philosophy of art and critical appreciation such as the nature of art, aesthetic experience and aesthetic objects.

Distribution: (A) (HFA).

### PHL 205 - Feminist Philosophy (4)

An introduction to feminist philosophy and philosophical questions about gender. Readings will include classic and contemporary sources.

Distribution: (HFA).

### PHL 206 - Philosophy of Religion (4)

Examines the nature and validity of religious beliefs.

Distribution: (HFA).

### PHL 208 - Business Ethics (4)

An examination by case study of moral problems in the business world. Topics include the obligation of industry to the natural environment, governmental regulation of private enterprise, employee rights and truth in advertising. Develops a number of ethical theories to assist the analysis.

Distribution: (HFA).

### PHL 209 - Biomedical Ethics (4)

An investigation of selected moral problems that arise in the contemporary biomedical setting. Issues include abortion, euthanasia, patient rights, animal experimentation, in-vitro fertilization, surrogate motherhood and genetic engineering.

Distribution: (HFA).

### PHL 210 - Environmental Ethics (4)

An examination of issues that arise from human beings interacting with their natural environment. Initial discussion involves selected ethical problems that arise from human use of "common systems" (e.g., the atmosphere, oceans, wilderness). Further discussions consider whether ecological systems, natural features and non-human animals have moral worth independent of their utility for human commerce.

Distribution: (HFA) (IG) (NW).

### PHL 212 - Critical Thinking (4)

Designed to strengthen students' skills in reasoning about problems and issues of everyday life by helping them to distinguish between good and bad arguments. Students work to achieve these goals through reading and discussion of course materials, written analyses of others' arguments or development of their own arguments, and class debates for practice in persuasive argument.

Distribution: (HFA). Offered: fall and spring semesters.

### PHL 215 - Ancient Philosophy: Plato and Aristotle (4)

An examination of ancient philosophy in the Western world with a concentration on the philosophical views of Plato and Aristotle.

Distribution: (HFA). Offered: fall and spring semesters.

### PHL 217 - Social and Political Philosophy (4)

A study of major social and political systems and issues from Plato to the present.

Distribution: (HFA).

### PHL 218 - Minds, Brains, and Metaphysics (4)

What is the mind? How is it related to the brain and body? How is it connected to the world? What exactly is consciousness? This course is an introduction to the philosophy of mind, with a focus on issues of metaphysics. Topics covered may include mind-brain dualism, logical behaviorism, mind-brain identity theory, functionalism, connectionism, artificial intelligence, philosophical questions about mental representation and the nature of consciousness, embodied cognition and other current trends in philosophy of mind.

Distribution: (HFA).

### PHL 220 - Problems of Philosophy (4)

An in-depth study of selected philosophers or philosophical problems. May be repeated if content varies.

Distribution: (HFA) (IG) (NW).

**PHL 225 - Modern Philosophy: Descartes to Kant (4)**

A study of the views of selected modern philosophers from Descartes to Kant.

Distribution: (HFA). Offered: fall and spring semesters.

**PHL 235 - Philosophy of Martial Arts (4)**

This course examines philosophical problems related to Asian martial arts and military philosophy, looking at classic texts and at more recent academic and popular writings. It is also an introduction to the emerging academic field of martial arts studies. We will emphasize the cross-cultural comparison of philosophical traditions, methods and commitments. This course has an experiential learning component: We will learn and practice a form of taijiquan (i.e., t'ai chi) inside and outside of class. The taijiquan practice will be modified for those who are physically unable to perform it.

Distribution: (HFA) (IG) (NW).

**PHL 236 - Yoga and Philosophy (4)**

An introduction to yoga practice and philosophy. This course has an experiential learning component: We will do hatha yoga postures, breathing techniques and meditation as part of class. This course examines yoga and its associated philosophical, cosmological and religious beliefs. We will compare and contrast traditional Indian conceptions of the body and health with those of other cultures and of modern medicine. We will examine appropriations of yoga tradition by practitioners. Contemporary and classical readings by scholars and practitioners will supplement the practices. Appropriate for beginners and advanced practitioners. Practices will be modified for those physically unable to perform them.

Distribution: (HFA) (IG) (NW). Offered: fall and spring semesters.

**PHL 237 - Indian and Asian Philosophy (4)**

An introduction to Indian and East Asian philosophy. Surveys the Upanishads, the Bhagavad Gita, early Indian Buddhism, Confucianism, Daoism (a.k.a. Taoism) and East Asian Buddhism.

Please note: This course was cross-listed as REL 217 prior to the 2013-2014 academic year. Students who took the course as REL 217 may not repeat it.

Distribution: (HFA) (IG) (NW).

**PHL 305 - Philosophy of the Emotions (4)**

An investigation into the nature of emotions and their relationship to rationality and moral responsibility. We first examine some traditional philosophical accounts that analyze emotions in terms of specific sensations. We then examine a Freudian account of emotion, which holds that one can have an

unconscious emotion. Existential theories of emotion are then considered, followed by an examination of contemporary cognitive theories.

Distribution: (HFA).

**PHL 306 - Existentialism (4)**

A study of central themes in existential philosophy and literature.

Distribution: (HFA).

**PHL 308 - Film Aesthetics (4)**

A study of film as an aesthetic medium. Explores the social, technological, historical and artistic influences on the development of cinema. Also examines how theories of film (i.e., realism, formalism, expressionism and semiology) affect the aesthetic construction and critical reception of films.

Distribution: (A) (HFA).

**PHL 310 - Theories of Democracy (4)**

What is democracy? How is it tied to justice? Is liberal democracy the only legitimate form of democracy? Can we make democracy better? How should democracy be shaped by culture and context? This course focuses on contemporary philosophical debates about democracy, but readings also include texts in political theory and political philosophy. Specific topics may include democratic representation; minimalism/realism about democracy; liberal democracy; classical pluralism; social choice theory; difference democracy and issues of gender, race, and class; deliberative democracy; green/environmental democracy; globalization and cross-cultural issues as they relate to democracy.

Distribution: (HFA).

**PHL 311 - Philosophy of Law (4)**

This course will introduce students to the academic field of the philosophy of law. Students will be exposed to, and develop their capacity to think critically about, historically influential philosophical answers to the following questions: "What is the nature of the law, and what makes something a valid or legitimate law? Should the law reflect morality, or does it somehow constitute or create morality?" This course will also examine the philosophy of constitutional law, contract law, criminal law, rights to property, free speech, free practice of religion, privacy, pornography, abortion, gay marriage, affirmative action and punishment. It is recommended that students have had at least one course in philosophy, criminology or government and world affairs, but this course may be taken as a first course in philosophy by ambitious students who are interested in the subject matter.

Distribution: (HFA).

**PHL 312 - The Philosophy of Human Rights (4)**

An in-depth investigation into the philosophical nature and implications of human rights. Examines whether human rights are objective or human constructions, different cultural and religious conceptions of human rights, how many human rights



there are, and what protection of human rights requires. Prerequisite: one previously completed PHL course or consent of instructor.

Distribution: (HFA) (W) (IG).

#### **PHL 313 - Justice (4)**

An in-depth investigation of major philosophical theories of justice, as well as questions of applied justice, such as justice and the family, affirmative action, and mass incarceration. Prerequisite: one previously completed PHL course or consent of instructor.

Distribution: (HFA) (W).

#### **PHL 314 - International Justice (4)**

An in-depth study of major theories of international justice and applied international issues, such as human rights, world poverty, nationalism, multiculturalism, and climate change.

Distribution: (HFA) (W) (IG). Prerequisite: one previously completed PHL course or consent of instructor.

#### **PHL 315 - The Morality of War (4)**

An in-depth examination of when war is morally justified, which tactics in war are morally justified, and what is morally required post-war. Topics include pacifism, preventive war, use of overwhelming force, terrorism, and civilian and military responsibility.

Distribution: (HFA) (W) (IG). Prerequisite: one previously completed PHL course or consent of instructor.

#### **PHL 320 - Chinese Philosophy (4)**

An in-depth survey of classical Chinese philosophy, with an emphasis on the cross-cultural comparison of philosophical traditions, methods and commitments. This course will focus on classical Confucianism and Daoism (Taoism), but will also cover topics such as Mohism, the legalist philosophy of Hanfeizi and Yin/Yang metaphysics. It is recommended that students have had at least one course in philosophy, religion or Asian studies (including Asian languages), but this course may be taken as a first course in philosophy or Asian studies by ambitious students who are interested in the subject matter.

Distribution: (HFA) (IG) (NW).

#### **PHL 321 - Daoist Philosophy and Religion (4)**

This course is an introduction to the philosophy and religion of Daoism (Taoism). It will emphasize the cross-cultural comparison of philosophical traditions, methods and commitments. This course has an experiential learning component: In addition to our study of texts, we will practice Daoist meditation techniques and qigong (i.e., Chinese yoga-like body practices) inside and outside of class. The practices will be modified for those who are physically unable to perform them.

Distribution: (HFA) (IG) (NW). Prerequisite: one previously completed PHL course or consent of instructor.

#### **PHL 330 - Asian Philosophy Special Topics (4)**

An exploration of special topics in Asian or Indian philosophy, with an emphasis on the cross-cultural comparison of philosophical traditions, methods and commitments. It is recommended that students have had at least one course in philosophy, religion or Asian studies (including Asian languages), but this course may be taken as a first course in philosophy or Asian studies by ambitious students who are interested in the subject matter. May be repeated if content varies.

Distribution: (HFA) (IG) (NW). Offered: Offered as needed.

#### **PHL 350 - Special Topics (4)**

An exploration of one or more special topics in philosophy. It is recommended that students have had at least one philosophy course, but this course may be taken as a first philosophy course by ambitious students who are interested in the subject matter. May be repeated if content varies. Students will write philosophical research papers that undergo formal review and revision, and they will do other kinds of writing while engaging with philosophical issues.

Distribution: (HFA) (W). Offered: fall and spring semesters.

#### **PHL 351 - Special Topics (4)**

An exploration of one or more special topics in philosophy. It is recommended that students have had at least one philosophy course, but this course may be taken as a first philosophy course by ambitious students who are interested in the subject matter. May be repeated if content varies. Students will write philosophical research papers that undergo formal review and revision, and they will do other kinds of writing while engaging with philosophical issues.

Distribution: (HFA) (W).

#### **PHL 399 - Philosophy of Sex (4)**

An introduction to the philosophy of sex. Topics covered include philosophical issues related to gender, biological sex, sexual orientation, sexual desire, perversion, consent, embodiment, conceptions of sex in non-Western traditions, etc. The course will include cross-cultural comparisons of conceptions of sex and sexuality.

Distribution: (HFA) (IG). Prerequisite: Prerequisite: one previously completed PHL course or consent of instructor.

#### **PHL 450 - Independent Study (4)**

A project designed in consultation with a full-time professor in philosophy in which the student researches a philosophical topic or problem. May be repeated if content varies. Students will write at least one philosophical research paper that undergoes review and revision, and they will do other kinds of writing while engaging with philosophical issues.

Distribution: (HFA) (W).

#### **PHL 499 - Senior Thesis (4)**

Capstone course in which a student, in consultation with a full-time philosophy professor, writes a major research thesis on a philosophical topic.

Distribution: (HFA) (W).

## PHY - Physics

### PHY 125 - Physical Science (3)

Designed for non-science majors. Not open to students who have previously taken a course in college physics or chemistry. Covers the basic concepts of astronomy, electricity, energy and motion. Satisfies general distribution requirements. Lecture only.

Distribution: (NS). Offered: fall, spring and summer semesters.

### PHY 180 - Introduction to Programming for the Physical Sciences (2)

This course provides an introduction to the Python programming language and the LaTeX typesetting system for students with little to no programming experience. This course is designed to prepare you for upper-level coursework in the physical sciences.

Distribution: (NS). Offered: fall semester.

### PHY 200 - General Physics I (4)

A non-calculus course intended primarily for CNHS majors. Topics include kinematics, Newton's laws of motion, linear and angular momentum, work and energy, gravity, oscillations and waves, sound and fluids. Lecture and laboratory.

Distribution: (NS). Prerequisite: MAT 170. Concurrent: PHY 200L. Offered: fall, spring, and summer I.

### PHY 200L - General Physics I Laboratory (0)

The laboratory component of PHY 200.

Prerequisite: Concurrent: PHY 200. Offered: fall, spring, and summer I.

### PHY 201 - General Physics II (4)

A continuation of General Physics I. Topics include, thermodynamics, electricity, magnetism and induction, DC and AC circuits, and optics. Lecture and laboratory.

Distribution: (NS). Prerequisite: PHY 200. Concurrent: PHY 201L. Offered: fall, spring, and summer II.

### PHY 201L - General Physics II Laboratory (0)

The laboratory component of PHY 201.

Prerequisite: Concurrent: PHY 201. Offered: fall, spring, and summer II.

### PHY 205 - General Physics with Calculus I (4)

This is the first of a two-course sequence in calculus-based general physics. Topics covered include translational and rotational kinematics, Newton's laws of motion and gravitation, work and energy, linear and angular momentum, periodic motion and waves, sound, fluids, and thermodynamics. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture and laboratory.

Distribution: (NS). Prerequisite: MAT 170 or equivalent. Concurrent: PHY 205L. Corequisite: MAT 260. Offered: fall .

### PHY 205L - General Physics with Calculus I Laboratory (0)

The laboratory component of PHY 205.

Prerequisite: Concurrent: PHY 205. Offered: fall.

### PHY 206 - General Physics with Calculus II (4)

This is the second of a two-course sequence in calculus-based general physics. Topics covered include electricity, magnetism, optics, relativity, and selected topics in modern physics. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture and laboratory.

Distribution: (NS). Prerequisite: MAT 260, PHY 205 (with a grade "C" or better). Concurrent: PHY 206L. Offered: spring .

### PHY 206L - General Physics with Calculus II Laboratory (0)

The laboratory component of PHY 206.

Prerequisite: Concurrent: PHY 206. Offered: spring.

### PHY 280 - Mathematical Methods for Physics (4)

This course is an intermediate-level course that covers much of the mathematics that will be used in the upper-division physics courses. Topics covered include infinite and power series, complex variables, linear algebra, vector analysis, differential equations, and Fourier analysis as applied to a variety of physics problems. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Prerequisite: PHY 205 and PHY 206 (with a grade "C" or better). . Offered: fall.

### PHY 299 - Physics Research (1)

Students choose a project in consultation with physics faculty members. Requires laboratory or computational research and satisfactory progress on the research project. May be repeated for one credit a semester for a total of four hours of general credit. Graded on a satisfactory/ unsatisfactory basis.

Prerequisite: PHY 307 and permission of instructor.

### PHY 307 - Modern Physics (4)

This course is an introduction to the physics of the twentieth century. Topics include a study of the special theory of relativity, an introduction to the general theory of relativity, a survey of the experimental basis of quantum physics, and Schrödinger's quantum mechanics, as well as topics selected from atomic and molecular physics, solid-state physics, nuclear and elementary particle physics and cosmology. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: MAT 260, PHY 201 or PHY 206 (with a grade "C" or better). Offered: fall.

### PHY 320 - Classical Mechanics (4)

This course is an intermediate-level course in classical mechanics. Topics include: Newtonian mechanics, oscillatory motion, central-force motion, variational calculus, Lagrangian and Hamiltonian dynamics, dynamics of systems of particles and rigid bodies, and non-linear systems. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307 (with a grade "C" or better). Offered: spring.

#### **PHY 340 - Electricity and Magnetism (4)**

This course is an introduction to the theory and application of electromagnetism. Topics include: electric fields produced by charge distributions, electrostatic potential, electrostatic energy, magnetic forces and fields produced by currents and by magnetic dipoles, introduction to Maxwell's equations, electromagnetism in matter and electromagnetic waves. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307 (with a grade "C" or better). Offered: fall.

#### **PHY 350 - Advanced Physics Lab (4)**

This course is an advanced physics laboratory in which the design and execution of experiments, as well as the analysis and presentation of data and results are emphasized. Students will develop a working knowledge of the conventions of writing scientific papers. Experiments can include topics in astrophysics, atomic and nuclear physics, electronics, optics and mechanics. Must be completed with a grade of "C" or better to count toward the physics major and minor.

Distribution: (NS) (W). Prerequisite: PHY 307 (with a grade "C" or better). Offered: spring.

#### **PHY 360 - Quantum Mechanics (4)**

This course is an intermediate-level introduction to quantum theory and statistical mechanics. Topics covered include the Schrödinger equation, the Heisenberg uncertainty principle, solution of the hydrogen atom, and quantum mechanics in three dimensions. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307 (with a grade "C" or better). Offered: fall.

#### **PHY 365 - Computational Physics (4)**

The goal of this course is to introduce students to computational methods used in modeling physical systems in physics, astronomy, and related fields. Students will primarily use the Python programming language to solve physical problems numerically. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307 (with a grade "C" or better). Offered: dependent on availability of faculty.

#### **PHY 430 - Thermodynamics and Statistical Mechanics (4)**

This course is an introductory course on Statistical Mechanics and Thermodynamics. These two subjects provide simple and powerful tools to study complex systems: large numbers of particles and many degrees of freedom. Topics covered include: the basics of probability theory, statistical description of mechanical systems, the laws of thermodynamics and entropy, the microcanonical and canonical ensembles, and ideal and real gases. Must be completed with a grade of "C" or better to count toward the physics major and minor. Lecture only.

Distribution: (NS). Prerequisite: PHY 307 (with a grade "C" or better), PHY 360 (with a grade "C" or better). Offered: spring.

#### **PHY 450 - Physics Seminar (2)**

Students in this course will conduct independent, in-depth literature analysis and research on a current topic in physics or astronomy. A presentation and final report are required.

Prerequisite: Senior standing in physics; permission from instructor. Offered: dependent on availability of faculty.

#### **PHY 451 - Physics Capstone Research (1-4)**

Students with junior or senior standing choose a project in consultation with physics faculty members. Requires laboratory or computational research and a written report and oral presentation presented to and reviewed by the physics faculty. May be repeated for a total of four hours of credit. This is a graded course. Must be completed with a grade of "C" or better to count toward the physics major and minor.

Prerequisite: PHY 307 with a grade of "C" or better. Offered: fall and spring.

#### **PHY 499 - Special Topics in Physics (1-4)**

A lecture and/or laboratory course offered at the discretion and availability of the physics faculty. Topics may include modern issues in physics, advanced topics in classical mechanics, electromagnetism and quantum mechanics, astrophysics, materials physics and other related subjects. Must be completed with a grade of "C" or better to count toward the physics major and minor.

Offered: dependent on availability of faculty.

## **POR - Portuguese**

#### **POR 101 - Elementary Portuguese I (4)**

Not open to native speakers. Beginning Portuguese with emphasis on Portuguese and Brazilian culture, as well as understanding and speaking Portuguese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Portuguese. This course is only open to students who have successfully completed

one year or less of Portuguese in secondary school within the previous eight years, and no university Portuguese. Students cannot take POR 101, 102, 201, or 202 concurrently.

#### **POR 102 - Elementary Portuguese II (4)**

Not open to native speakers. Beginning Portuguese with emphasis on Portuguese and Brazilian culture, as well as understanding and speaking Portuguese in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Portuguese. POR 101 or equivalent skills is a prerequisite for POR 102. Students cannot take POR 101, 102, 201, or 202 concurrently.

#### **POR 201 - Intermediate Portuguese I (4)**

Not open to native speakers. Develops a greater understanding of Portuguese and Brazilian culture and everyday Portuguese, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Portuguese. POR 102 or equivalent skills required. Students cannot take POR 101, 102, 201, or 202 concurrently.

#### **POR 202 - Intermediate Portuguese II (4)**

Not open to native speakers. Develops a greater understanding of Portuguese and Brazilian culture and everyday Portuguese, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG) (NW). Prerequisite: Not open to native speakers of Portuguese. POR 102 or equivalent skills. Students cannot take POR 101, 102, 201, or 202 concurrently.

## **PSC - Political Science**

#### **PSC 100 - Introduction to Government and World Affairs (4)**

Covers the essential elements of political science from a national and international perspective.

Distribution: (IG) (NW) (SS). Offered: fall, spring and some summer semesters.

#### **PSC 101 - Introduction to American Government (4)**

Covers the political processes, institutions and policies of the national political system of the United States.

Distribution: (SS). Offered: fall, spring and some summer semesters.

#### **PSC 102 - Introduction to International Relations (4)**

An exploration of the political, economic and social processes between and among actors in the global community.

Distribution: (IG) (NW) (SS). Offered: fall, spring and some summer semesters.

#### **PSC 202 - International Political Economy (4)**

Introduces the contours of the international economic system, including issues of dependency, aid, trade, multinational corporations and the politics of economic exchange.

Distribution: (IG) (NW) (SS).

#### **PSC 206 - Contemporary Latin America (4)**

This course analyzes the cultural, economic, social and political dimensions of Latin America. Focuses primarily on how several broad issues shape contemporary Latin America.

Distribution: (IG) (NW) (SS).

#### **PSC 208 - Political Networks: Travel to Washington DC (4)**

This course will serve as an introduction to the politics and policymaking of a specialized policy area in the United States and will rotate each time the course is taught to a different policy area. The course has two components: a semester length class and a travel component to Washington, D.C.

Distribution: (SS). Prerequisite: Department chair approval required. Restricted to students selected through an interview process.

#### **PSC 212 - Decision-Making in the United Nations (2)**

This course prepares students participating at the Harvard National Model United Nations (HNMUN) for competition through the use of traditional and experiential instructional methods. The course is offered to students selected to serve as members of The University of Tampa delegation to the HNMUN. Because UT delegations only represent nonwestern counties at the HNMUN, students are further enriched through exposure to different cultures, customs and values.

Distribution: (IG) (NW) (SS). Prerequisite: Department chair approval required. Restricted to students selected through an interview process.

#### **PSC 215 - Introduction to Public Policy (4)**

This course examines the politics and practice of public policy, including theories of policy change, the dynamics of agenda setting and problem definition, and policy implementation and feedback. The course also covers specific topics such as energy and the environment, health care, business regulation and cybersecurity.

Distribution: (SS) (W).

#### **PSC 225 - International Human Rights (4)**

This course explores the role of politics in human rights and vice versa from a mostly international perspective.

Distribution: (IG) (SS).

#### **PSC 269 - Research Methods for Political Science (4)**

Trains students in the research design strategies and data collection techniques relevant to the field of political science.

Distribution: (SS). Offered: fall and spring semesters.

#### **PSC 270 - Political Analysis (4)**

Trains students in the methods of quantitative analysis used for political science.

Distribution: (SS). Prerequisite: PSC 269. Offered: fall and spring semesters.

#### **PSC 272 - Contemporary Japan (4)**

This course provides a comprehensive survey of Japanese political economy, society, and culture from the end of the Cold War to the present day. Upon completion of the course, students will travel for two weeks to Japan to visit the cities of Tokyo and Kyoto.

Distribution: (IG) (NW) (SS) (W).

#### **PSC 280 - Introduction to Peace Studies (4)**

An introduction to peace studies with a focus on the meanings and nature of peace and non-peace, the origins and causes of conflict and war, and the quest for achieving peace.

Distribution: (SS) (W).

#### **PSC 282 - Development Strategies and Projects in Africa: A Travel Course to Ghana (2-4)**

Through class readings, films, discussions and a travel component, this course focuses on development as part of an academic discourse and as an underlying assumption behind applied service projects. Students begin by questioning what development is and who defines it, and they explore who benefits from it. They then read about a wide range of development projects and evaluate them for effectiveness. Finally, students and residents of the poor and rural villages of Nabdham, Ghana, put together developmentally oriented service projects and implement them during a trip to Ghana.

Distribution: (IG) (NW) (SS) (W).

#### **PSC 285 - Environmental Politics (4)**

Politics is about who gets what, when, and how. This course explores the ways in which environmental policies from different parts of the globe benefit some while harming others. Through hands on data collection techniques students explore the ways particular policies designed to promote environmental protections impact individuals. We also explore how a lack of environmental protections has consequences not just for flora and fauna but for humans. Students will learn to perform a cost/benefit analysis of environmental policies that takes into account residents of the impacted area and the world.

Distribution: (IG) (NW) (SS).

#### **PSC 290 - Special Studies (2-4)**

Special courses that are not part of the regular PSC program are offered occasionally.

Distribution: (SS).

#### **PSC 302 - U.S. National Security Policy (4)**

Examines the process and substance of U.S. national security policy, including institutional settings and specific policy problems.

Distribution: (IG) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 305 - Nuclear Proliferation and Nonproliferation (4)**

Examines the origins of the drive for nuclear weapons, the history of the nuclear nonproliferation regime, and incentives and disincentives for nuclear proliferation and nonproliferation. Analyzes current nuclear weapons states, "threshold" states, and states that purposefully chose to forgo nuclear weapons development.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 306 - Politics of the Family (4)**

This course examines the interplay between politics, policy and family life. The course looks at how family and gender roles impact political involvement, as well as how public policies shape family life, gender roles and support for dependents. The course will look at the politics of family in the United States and a wide variety of countries around the world. Students will have opportunities to develop their analytical writing and research skills.

Distribution: (IG) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 307 - Law and Society (4)**

What is the relationship and role of law in a society? The rule of law, through constitutions, guarantees that there are realms that are unfettered by politics. Political tolerance ensures equal access to the political process and a fair judicial process. Legitimacy, the voluntary relationship between the citizen and the state, depends on public perceptions of the law, the state and its judicial institutions. These questions will be considered in terms of topics ranging from procedural justice, economics, rights and even social movements.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 309 - State Politics (4)**

This course is designed to provide a broad overview of state politics and government across the 50 states. Using a comparative lens, we will examine how state governments operate and why they function the way they do. Students should leave this course with a deeper understanding of state politics and be able to apply the theories and concepts to Florida's government.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 312 - The Politics of Money (4)**

When governments make budgets, they set priorities and make plans for future public policy. This course examines the politics surrounding the use of budgets to make public policy in the United States, at both the federal level and in Florida. As a Writing Intensive course, students will track an issue of their choosing and write a research paper on how budgets are used to make policy.

Distribution: (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 318 - Science, Technology and Public Policy (4)**

This course investigates two related questions. First, how do policymakers keep pace with scientific advancements and rapidly-changing technologies? Second, how do technological and scientific advancements shape public policy more broadly?

Distribution: (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 321 - The Presidency and Executive Power (4)**

This course examines the scope and meaning of executive power at the national and state level of government.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 326 - Political Campaigns and Electoral Politics (4)**

An exploration of the electoral process, particularly in the United States, with focus on political behavior of elites and masses.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 340 - The European Union (4)**

This course analyzes the EU in three inter-related parts: historical and theoretical approaches to understanding the EU, institutional design of the EU, and policy making within the EU.

Distribution: (IG) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 341 - International Relations of East Asia (4)**

This course examines patterns of conflict and cooperation in Northeast Asia from the perspective of competing theories of international relations. Topics include the changing regional balance of power, nuclear weapons, territorial disputes, conflicts over historical memory, alliance systems, trade relations, human rights and the role of U.S. foreign policy and military bases in the region.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 342 - The Political Economy of Latin America (4)**

Examines political cultures, processes, institutions and policies in selected Latin American political systems.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 343 - Politics of Development (4)**

Examines the political and economic problems facing developing Third World states.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 345 - Politics of the Middle East and North Africa (4)**

Examines the politics of this diverse region straddling the nexus of Africa, Europe and Asia. Topics explored include Islam and politics, governance, the oil economy, war and peace in a volatile region, and prospects for the future in a globalizing world.

Distribution: (IG) (NW) (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 350 - Independent Study (2-4)**

This course is designed for students who wish to participate in the research experience working directly with a faculty member. This course does not count towards the major or minor requirements.

Prerequisite: 3.0 GPA or higher and PSC 100, PSC 101 or PSC 102.

**PSC 353 - Cuba and the U.S.: Then and Now (4)**

This travel course will introduce students to the developments, past and present, that define Cuba-U.S. relations. The course will have a strong emphasis on the historical importance of José Martí, Cuba's most prominent political and literary writer. Students will learn about the conditions that lead to Castro's revolutionary movement and the deterioration of the relationship between the two countries that culminated with the U.S. embargo. Students will also study how the animosity intensified during the Cold War and post-Cold War periods, and consider how the relationship will evolve when the Castro years come to an end.

Distribution: (H) (IG) (NW) (SS).

**PSC 365 - Politics of East Asia (4)**

Examines post-1950 politics of China, Japan, Korea and Taiwan, focusing on common themes of democratization, economic development, elite politics, political culture, foreign policy and human rights. Analytical writing is the primary form of course evaluation.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 370 - American Judicial Politics (4)**

The purpose of this course is to familiarize the student with the organization of American courts, both state and federal, their role in society, the processes in practice through which judges act, and their impact on politics. We will also compare the reality of how judges behave to society's myths and expectations about how they should function as well as the limits of what can and should be expected of courts and judges. A central theme will be to analyze judges as political players who have a profound impact on the development and implementation of public policy.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

**PSC 375 - Constitutional Law I: Institutional Powers (4)**

The purpose of this course is to familiarize the student with the laws and jurisprudence of the United States government and Constitution. We will study the development of constitutional jurisprudence in a

variety of areas within institutional powers (such as judicial power, legislative power, executive power, federalism, regulatory power, property rights and economic liberties) with an eye towards legal and political explanations for changes in and development of the case law.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 376 - Constitutional Law II: Civil Rights and Liberties (4)**

The purpose of this course is to familiarize the student with the laws and jurisprudence of the United States government and Constitution. We will study the development of constitutional jurisprudence in a variety of areas within civil rights and liberties (such as due process, obtaining evidence, right of privacy, freedom of speech, freedom of the press, freedom of religion, and equal protection) with an eye towards legal and political explanations for changes in and development of the case law.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 380 - Political Psychology (4)**

An analysis of psychological perspectives of personality, information processing, and decision making as it applies to mass and elite political behavior.

Distribution: (SS). Prerequisite: PSC 100, PSC 101 or PSC 102.

#### **PSC 390 - Field Work Intern Program (2)**

Involves practical experience for careers related to political science and international studies. Graded on a satisfactory/unsatisfactory basis. Minimum 3.0 GPA and junior or senior standing. May be repeated once for a total of 4 credits toward the major.

Distribution: (SS). Prerequisite: PSC 270. Offered: fall, spring and summer semesters.

#### **PSC 401 - Public Policy Analysis (4)**

Studies the formulation, implementation and evaluation of public policies.

Distribution: (SS) (W). Prerequisite: PSC 270.

#### **PSC 405 - Congress and Legislative Politics (4)**

This course will examine the U.S. Congress and uses the 50 state legislatures as a basis of comparison. We will organize our discussion of Congress and legislative politics around three primary topics: representation, organization and power.

Prerequisite: PSC 270.

#### **PSC 410 - International Law (4)**

Concentrates on public international law, examining the legal and political framework by which international legal instruments are created, litigated and enforced across national boundaries. Makes limited reference to private international law.

Distribution: (IG) (SS) (W). Prerequisite: PSC 270.

#### **PSC 412 - Comparative Judicial Politics (4)**

This course examines courts from a comparative perspective and the variations in role, autonomy, power and accountability of courts and judges in both democratic and authoritarian regimes. Theories of judicial behavior and the impact of institutional arrangements contribute to the growing power of courts and the judicialization of politics that has occurred around the world. The course will give particular attention to the fundamental role of courts across societies including those of common, civil, Chinese and Islamic law.

Distribution: (IG) (NW) (SS). Prerequisite: PSC 270.

#### **PSC 413 - Topics in Government and World Affairs (2-4)**

Involves selected topics in political science. Content varies; may be repeated for credit if subject matter is not repeated.

Distribution: (SS). Prerequisite: PSC 270.

#### **PSC 426 - Public Opinion (4)**

Examines public opinion from a variety of perspectives, providing students with the ability to be intelligent consumers of public opinion research and effective users of public opinion research tools. This course explores public opinion's effects on contemporary society and politics.

Distribution: (SS). Prerequisite: PSC 270.

#### **PSC 430 - Politics of Identity (4)**

Examines the roles identities like nationality, gender, ethnicity, race, religion, class, culture and species have played historically and contemporaneously in domestic and international politics. The course addresses these topics both through canonical theories and through case studies that span the globe. We explore various understandings of these identities ranging from those that assume them to be fixed and primordial to those that view them as socially constructed and contestable.

Distribution: (IG) (NW) (SS). Prerequisite: PSC 270.

#### **PSC 444 - The Political Economy of Africa (4)**

Examines the political and economic problems and opportunities facing the continent of Africa; the African colonial experience and its impact on modern African development; and how the continent has struggled with political and economic trends over the past 40 years.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 270.

#### **PSC 446 - International Organization (4)**

This course examines the role of international organizations in facilitating cooperation between states to achieve commonly held goals such as peace and prosperity. The course introduces competing theories of international organization and their applications to international organizations spanning fields such as security, trade, the environment and human rights. The course also is designed to help students develop analytical writing skills and research methods for the study of international organization.

Distribution: (IG) (NW) (SS) (W). Prerequisite: PSC 270.

#### **PSC 450 - Independent Study (1-4)**

Involves guided readings, research and criticism. Independent studies must be under the direction of a full-time PSC professor. Subject matter must be determined through student-faculty consultation.

Distribution: (SS). Prerequisite: 12 hours of political science, a minimum 3.0 GPA in the major and PSC 270. Maximum of 4 credit hours and it does not fulfill the 400 level research intensive requirement. Offered: fall, spring and summer semesters.

#### **PSC 451 - Senior Thesis (4)**

Involves a major research paper planned and written with possible publication in mind. A senior thesis must be written under the direction of any full-time PSC professor. Subject matter must be determined through student-faculty consultation.

Distribution: (SS). Prerequisite: PSC 270 and senior standing with a minimum 3.25 GPA. Offered: fall, spring and summer semesters.

#### **PSC 455 - NGOs and Global Civil Society (4)**

This course offers an overview of how nongovernmental organizations (NGOs) and other non-state actors in the international arena communicate, organize and advocate on behalf of individuals and interests that are overlooked by states, or run counter to national interests. The course will focus on how issues are framed and campaigns are waged by NGOs and advocacy networks in order to compel states or intergovernmental institutions to change behavior or policies.

Distribution: (IG) (SS). Prerequisite: PSC 270.

### **PSY - Psychology**

PSY 101 is a prerequisite for all courses in psychology. PSY 101, PSY 211, and one other 200-level course must be successfully completed before enrolling in any 300-level (or higher) psychology course. In addition, PSY 312 is a pre- or co-requisite for most 400-level courses. See the course descriptions for the requirements of each course.

#### **PSY 101 - General Psychology (4)**

An introduction to the basic principles of psychology. Distribution: (SS), PSY major foundation. Offered: fall and spring semesters.

#### **PSY 201 - Psychological Assessment (4)**

A study of psychometric theory with emphasis on techniques and topics in clinical interviewing, self-assessment, and reliability and validity of psychological tests in counseling and healthcare settings.

Distribution: (SS), Clinical Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 202 - Industrial Psychology (4)**

Studies the application of psychological principles to business and industry. Includes topics such as personnel selection, training, job satisfaction and work motivation.

Distribution: (SS), Organizational Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 203 - Social Psychology (4)**

Introductory survey of basic concepts in social psychology including research methods, attitudes, interpersonal processes, and small group processes.

Distribution: (SS), Social Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 210 - Psychology of Child Development (4)**

Focuses on psychological development in infants, children, and adolescents. Emphases are on applied, practical applications of research findings and consideration of the "how-to" as well as the "how" of growth and development. (Service learning may be required)

Distribution: (SS), Developmental Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 211 - Statistics and Experimental Methods I (4)**

An introduction to statistical techniques and experimental methods. Statistical coverage includes frequency distributions, graphic representations, central tendency measures, variability measures, probability and the t-tests. Methodological coverage includes the nature of science, ethics, research approaches, the experimental approach, hypothesis testing, two-group designs and control for two-group designs. Students must complete PSY 211 with a grade of "C" or better to register for PSY 312.

Distribution: (SS) (W), PSY major foundation. Prerequisite: PSY 101 and MAT 160, MAT 170, MAT 260, MAT 261 or MAT 225. Offered: fall and spring semesters.

#### **PSY 219 - Biopsychology of Rehabilitation (4)**

Rehabilitation psychology is area 22 of the American Psychological Association, covering the psychology of disability and rehabilitation. This course takes an applied approach to some of the neuroscience relevant to the psychologist on a treatment and recovery team. The neuropathology of stroke, spinal cord and traumatic brain injury, pain, and chronic illness are discussed, as specific examples of neural pathways, neuroplasticity, loss of daily function, and the common comorbidities of depression and anxiety.

Distribution: (SS), Biopsychology Emphasis. Prerequisite: PSY 101. Offered: spring semester.

#### **PSY 220 - Fundamentals of Biopsychology and Learning (4)**

Introduces the student to fundamental concepts and examples in biological psychology and the study of learning and memory. The course focuses on topics essential to understanding the biological bases of



behavior, including how the brain is organized, the units of brain function, and how neurons communicate sensory information, process perceptions and control behavior. Various aspects of learning including habituation, conditioned behaviors (classical/Pavlovian and instrumental/operant), theories of reinforcement and memory mechanisms are also discussed.

Distribution: (SS), PSY major foundation.  
Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 225 - The Cognition of Game Playing (4)**

Game playing meets a variety of human psychological needs, such as cognitive, social, and emotional, leading every human culture to play games. Centered on the cognitive aspects of games, this course examines how humans interact with these creative endeavors. Students study how our psychology influences the games we play, and how our cognitions affect our responses to and within those games. All types of games are considered, from board games to games of chance to video games.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 101. Offered: fall semester.

#### **PSY 231 - Inquiry into Clinical and Counseling Psychology (4)**

This course will provide an overview of clinical and counseling psychology utilizing an inquiry-based approach to learning. Students will learn about the theoretical underpinnings of these applied fields as well as the basic skill sets required to be successful mental health practitioners. Students will also be exposed to some of the current controversies in clinical and counseling psychology while learning ways to analyze these complex problems.

Distribution: (SS), Clinical Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 250 - Health Psychology (4)**

This course examines the dynamic relationship between the mind and body using a scientific lens. It investigates both the psychosocial and biological roots of many of the world's leading health issues. This investigation includes (but is not limited to) personality characteristics that lead some people to be more vulnerable to illness, the impact of stress on physical and mental health, coping strategies for dealing with stress and illness, racial and socioeconomic health disparities, and methods for improving interactions between health care providers and patients.

Distribution: (SS), Social Emphasis. Prerequisite: PSY 101. Offered: fall and spring semesters.

#### **PSY 299 - Selected Topics in Psychology (2-4)**

A course involving special topics in psychology. Provides students with the opportunity to explore subject matter in psychology more thoroughly than is possible in an existing class.

Distribution: (SS). Prerequisite: PSY 101.

#### **PSY 303 - Abnormal Psychology (4)**

A systematic presentation of concepts related to the etiology, symptoms and treatment of psychological disorders.

Distribution: (SS), Clinical Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: fall and spring semesters.

#### **PSY 304 - The Psychology of Prejudice (4)**

Prejudice, a biased attitude toward people due to their group membership, continues to pose a serious threat to society. It can exist at both an explicit and/or implicit (hidden) level and seems to serve several fundamental psychological functions, making it difficult to eradicate. In this course, we will explore prejudice using a scientific lens and attempt to answer some crucial questions. Why does prejudice exist? Where does it come from? What forms does it take? How has it evolved throughout history? What functions does it serve? And what can we do to eradicate it?

Distribution: (SS), Social Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: spring semester.

#### **PSY 305 - Applied Psychology: Consumer Psychology (4)**

Focuses on the application of the principles of psychology to consumer behavior.

Distribution: (SS), Organizational Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: spring semester.

#### **PSY 310 - Emerging Adulthood (4)**

This course explores the developmental changes that take place during a newly documented developmental period, emerging adulthood, which spans the ages of 18 to the late 20s. Over the course of the semester, we will investigate several questions about this developmental period by turning to the psychological literature, including: (1) What does it mean to be an adult? (2) What developmental changes are taking place during the college-age years? (3) Does being an emerging adult give one a "free pass" on deviant behaviors? (4) How does the current generation of college students differ from previous generations?

Distribution: (SS), Developmental Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: spring semester.

#### **PSY 311 - Evolutionary Psychology (4)**

Examines theory and research in evolutionary psychology. The course is structured around ultimate explanations, descriptions that focus on the survival and reproductive consequences of (sometimes difficult to explain) human behaviors, and how they could have been shaped by natural selection. Comparative examples from pertinent animal literature are provided where appropriate.

Distribution: (SS), Biopsychology Emphasis. Prerequisite: PSY 101, PSY 211, and PSY 220. Offered: fall semester.

#### **PSY 312 - Statistics and Experimental Methods II (4)**

Extension of elementary statistical and experimental methodological topics begun in PSY 211. Statistical coverage includes correlation, regression, and one-way and two-way analyses of variance. Methodological coverage includes a review of ethics, hypothesis testing, various experimental designs and control in experimentation.

Distribution: (SS) (W), PSY major foundation. Prerequisite: PSY 101, PSY 211 with a grade of "C" or better, and one other 200-level course. Offered: fall and spring semesters.

#### **PSY 316 - Psychopharmacology (4)**

Examines current and possible future drug treatments for psychopathological symptoms. Addictive drugs of abuse and their biological mechanisms are covered, as are controversies involving the possible overdiagnosis and overmedication of disorders that also respond well to behavioral and other therapeutic interventions. Critical interactions between "talk therapy" and the client's medicated or unmedicated state are addressed.

Distribution: (SS), Biopsychology Emphasis. Prerequisite: PSY 101, PSY 211, and PSY 220. Offered: fall semester.

#### **PSY 317 - Psychology of Adult Development and Aging (4)**

The course focuses on the growth, decline, and stability of psychological functioning in adulthood and aging. Some topics to be covered include physical and cognitive development, perception, memory, language, intelligence, thinking, knowledge, and moral reasoning. (Service learning may be required.)

Distribution: (SS), Developmental Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: fall and spring semesters.

#### **PSY 318 - Sensation and Perception (4)**

Explores the sensory and physiological bases of perception and how people process relevant information in their environments. All five senses are covered, with primary emphasis on vision. Focal topics include the perceptual process, neural processing, perceiving objects, color, depth, size, movement, sound, speech, touch, flavor and odor.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 101, PSY 211, and PSY 220. Offered: fall and spring semesters.

#### **PSY 319 - Psychology of Personal Relationships (4)**

Examines current theory and research in the field of relationships. Primary approach is social psychological, but other major theories of relationships are examined.

Distribution: (SS), Social Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: fall semester.

#### **PSY 324 - Cognitive Psychology (4)**

The various roles of the mind are examined in this course. Central topics investigated may include neurocognition, pattern recognition, selective and

divided attention, sensory memory, working memory, long-term memory, acquisition and retrieval processes, memory errors, models of long-term memory, language, visual knowledge, and conscious versus unconscious thinking.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 101, PSY 211, and PSY 220. Offered: spring semester.

#### **PSY 326 - Memory and Executive Functioning (4)**

This course examines the cognitive psychology of human memory and executive functioning. Memory refers to the maintenance of learned information or skills over time, and executive functioning refers to strategic control processes that regulate our thoughts and behaviors. The course will discuss theories about and distinctions between various forms of memory (e.g., working memory, long-term memory, implicit memory) and types of executive functioning (e.g., maintenance of task goals, shifting attention, prioritizing, updating, sequencing, inhibiting). Additional topics will include metamemory, false memories, dual-task interference, directed forgetting, interference resolution within memory, and recollection versus familiarity.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 101, PSY 211, and PSY 220. Offered: every other spring semester.

#### **PSY 330 - Selected Topics in Psychology (4)**

A course involving special topics in psychology. Provides students with the opportunity to explore subject matter in psychology more thoroughly than is possible in a formal class.

Distribution: (SS). Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: Varies when offered.

#### **PSY 340 - Behavior Modification (4)**

This course is designed to provide an in-depth overview of the principles of behavior that have been developed from research on how people and animals learn. There will be a specific focus on learning and scientific principles from behavioral and clinical psychology. Students will learn how these principles explain human behavior and are applied to alter behavior.

Distribution: (SS), Clinical Emphasis. Prerequisite: PSY 101, PSY 211, and one other 200-level course. Offered: fall semester.

#### **PSY 399 - Careers in Psychology (1)**

For psychology majors only, to be taken in student's junior year. This course is required and is offered on a pass/fail basis. The goals of the course include individual reflection on the student's personal experiences and education at UT, and preparation for life after graduation, including career possibilities and postgraduate education.

Distribution: PSY major foundation. Prerequisite: Junior or senior standing. Offered: fall and spring semesters.

**PSY 404 - Human Sexual Behavior: Seminar (4)**

A survey of the physiological, sociological and psychological aspects of human sexuality. Requires independent study project and seminar presentation.

Distribution: (SS) (W), Social Emphasis. Prerequisite: PSY 312. Offered: spring semester.

**PSY 406 - Internship in Industrial/Organizational Psychology (1-4)**

Open only to psychology majors. A supervised internship in local organizations. Admission by application to the industrial/organizational internship coordinator. Graded on a pass/fail basis. May not be used to satisfy the general distribution requirements. May be repeated for credit if internship location varies.

Prerequisite: PSY 101, PSY 202 and PSY 211, and GPA in the PSY major of 3.0. Offered: as needed; dept. approval required.

**PSY 407 - Internship in Experimental Psychology (1-4)**

Open only to psychology majors. A supervised internship with local or collaborative research-suitable institutions. Admission by application to the experimental psychology internship coordinator. Graded on a satisfactory/unsatisfactory basis. May not be used to satisfy the general distribution requirements. May be repeated for credit if internship location varies.

Prerequisite: PSY 101, PSY 211, PSY 220 and PSY 311, and a GPA in the PSY major of 3.0. Offered: as needed; dept. approval required.

**PSY 408 - Internship in Developmental Psychology (4)**

Open only to psychology majors. Course provides opportunities in semester-long internships focusing on selected topics related to children's formal and informal learning and how programs are developed to best serve the needs of children with and without learning differences. Admission by application to the developmental internship coordinator.

Distribution: Developmental Emphasis. Prerequisite: PSY 101, PSY 210, and PSY 211; junior or senior status and GPA in the PSY major of 3.0. Pre-requisite or co-requisite of PSY 312. Offered: Offered as needed; dept. approval required.

**PSY 409 - Directed Internship in Psychology (1-4)**

Involves internship placements focusing on individual project- or problem-based experience in psychology. Admission by application to faculty member in area of interest, which may include: Social Psychology, Cognitive Psychology, Biopsychology, Industrial/Organizational Psychology, and Experimental Psychology. Students are encouraged to bring potential locations to faculty for review and approval. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: Junior or senior status and GPA in the PSY major of 3.0. Prerequisite courses will be determined by area of internship focus. May not be taken in place of existing internship offerings (PSY 405 and PSY 408) for the semester the student is enrolled. May be repeated for credit if internship location varies, but a maximum of 4 credits can be used towards the major. Offered: as needed; dept. approval required.

**PSY 410 - Sexual Harassment: Seminar (4)**

Examines the topic of sexual harassment as an organizational problem. Students will explore the topic from a psychological, historical, and legal perspective. Specific topics will include definitions and theories of sexual harassment, perceptions of harassment, legal definitions of harassment, harassment of men, effects of harassment and cross-cultural perspectives on harassment.

Distribution: (SS), Organizational Emphasis. Prerequisite: PSY 312. Offered: fall semester.

**PSY 411 - Bilingualism, Biculturalism, and Cognition (4)**

This course covers the cognitive mechanism involved in biculturalism and bilingualism. Students will learn the cognitive roots of culture and how race and culture affect memory for personal events and other cultural groups. Students will learn about language production and reception and how multiple languages are organized in cognition. Also, how bilingualism affects autobiographical memory and executive functioning will be discussed. In addition, other cognitive issues in language and culture are covered such as: the cognitive effects of being bilingual-bicultural as well as related topics in cultural linguistics that highlight how languages overlap in meaning rather than duplicate it.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 312. Offered: fall semester.

**PSY 414 - Understanding Childhood Disorders (4)**

Students will take an in-depth look into childhood disorders in order to gain an accurate understanding of what qualifies as abnormal development in childhood. The information in this course will familiarize the student with how childhood disorders are diagnosed, assessed, and treated. Students will also learn about the etiology and characteristics of behavioral, emotional and developmental disorders.

Distribution: (SS), Developmental Emphasis. Prerequisite: PSY 210 and PSY 312. Offered: fall semester.

**PSY 415 - Contemporary Clinical Interventions (4)**

This survey course will give an overview of research-supported psychological interventions in clinical psychology. We will explore the history of psychotherapy, the core components of behavioral and cognitive interventions and the "new wave" of acceptance and mindfulness-based therapies. In addition, we will discuss other contemporary developments in clinical psychology, such as

transdiagnostic treatments, the use of technology to increase access to mental health care, research support for these new movements and the future direction of clinical interventions.

Distribution: (SS), Clinical Emphasis. Prerequisite: PSY 303 and PSY 312. Offered: fall and spring semesters.

#### **PSY 420 - Behavioral Neuroscience (4)**

Surveys current knowledge of the biological bases of behavior and psychological abilities (learning and memory), diseases (Alzheimer's, Parkinson's) and disorders (anxiety, depression, PTSD). Incorporates research findings from both animal models and human neuropsychiatric cases.

Distribution: (SS), Biopsychology Emphasis. Prerequisite: PSY 220 and PSY 312. Recommended: PSY 311 or PSY 316. Offered: spring semester.

#### **PSY 425 - Thinking (4)**

Examines the emerging field of cognitive science, a discipline encompassing cognitive psychology, computer science, philosophy, and linguistics, among others. Topics include problem solving, reasoning, expertise, categorization, and analogies. Upon completing this course students will have an appreciation of the current major research findings in the area.

Distribution: (SS), Cognitive Emphasis. Prerequisite: PSY 312. Offered: spring semester.

#### **PSY 430 - Selected Topics in Psychology: Seminar (4)**

A seminar course involving special topics in psychology. Provides students with the opportunity to explore subject matter in psychology more thoroughly than is possible in a formal class. Requires an independent study project and a seminar presentation.

Distribution: (SS). Prerequisite: PSY 312. Offered: Varies when offered.

#### **PSY 450 - Independent Study (1-4)**

Involves independent study and Honors research on individual problems in psychology. May be repeated for credit if subject matter varies.

Prerequisite: Consent of instructor and department chair. Offered: Offered as needed.

#### **PSY 451 - Senior Thesis (4)**

A substantial research and writing project expected to yield a journal-ready manuscript.

Prerequisite: Senior standing, minimum 3.5 GPA, completion of 24 hours in psychology, and consent of instructor and department chair. Offered: Offered as needed.

## **QMB - Quantitative Methods in Business**

#### **QMB 210 - Business Statistics and Analytics (4)**

An introductory course in business statistics and analytics that covers commonly used methods to support business problem-solving and decision-making. Descriptive and predictive analytics techniques are applied with an emphasis on the justification for their use, and the interpretation and validation of their results. Topics include, but are not limited to, descriptive statistics, probability, random variables and probability distributions, sampling distributions, interval estimation, hypothesis testing, regression, forecasting and the role of big data in organizations. A statistical software package is used to illustrate methods and techniques.

Prerequisite: BAC 100 and MAT 160 (all COB majors are required to take MAT 225). Offered: fall, spring and summer semesters.

#### **QMB 380 - Advanced Managerial Statistics (4)**

Building on basic statistical techniques, this course further explores managerial and business statistics. It covers multivariate regression and model building, forecasting, decision making, analysis of variance, non-parametric statistics and research design and methods. Critical thinking and problem solving skills are emphasized as students learn to evaluate various statistical models and methods. A contemporary business statistics product as well as Microsoft Excel is used to describe and analyze data. A semester project provides students with the opportunity to apply statistical concepts to business decision making. The managerial implications of each topic are provided along the way, and students have opportunities to develop on what they have learned through assignments and projects.

Prerequisite: QMB 210. Offered: spring.

#### **QMB 500 - Statistics for Decision Makers (4)**

For graduate students only. This is an introductory course in statistical analysis as it applies to managerial decision-making. Topics include sampling techniques, descriptive statistics, probability, random variables and probability distributions, sampling distributions, interval estimation, one-sample and two-sample tests, simple and multiple linear regression, forecasting and statistical applications in quality management. A statistical software package is used to illustrate all methods and techniques. (CFA)

Offered: fall, spring and summer semesters.

#### **QMB 612 - Decision Modeling and Analysis (4)**

For graduate students only. This course is a survey of quantitative techniques used in business decision-making, including linear programming, forecasting, decision analysis and queuing analysis. Students will develop spreadsheet models that enable these techniques to utilize the data available to them and apply the results to business decisions.

Prerequisite: Foundation courses. Offered: fall, spring and summer semesters.

**QMB 660 - Advanced Forecasting and Predictive Analytics (4)**

Most business planning begins with a forecast or a prediction. We cover the most useful predictive analytics models, whether you are a financial analyst, an operations manager, an accountant, a marketer, a human resources manager or an entrepreneur. We use actual data much like the data you encounter in practice. Models are explained as procedures that you may replicate with your own data. These include moving-average, exponential smoothing, S-curve, event, advanced regression, time-series decomposition, ARIMA, data mining, ensemble, and text mining models. We employ Excel-based ForecastX and Analytic Solver, two widely-used forecasting and data/text mining software in practice.

Prerequisite: Foundation courses. Offered: summer.

**REL - Religion****REL 205 - World Religions (4)**

A survey of the religions of the world other than Judaism and Christianity, such as Zoroastrianism, Islam, Hinduism, Jainism, Sikhism, Buddhism, Shinto and Daoism (i.e., Taoism).

Distribution: (HFA) (IG) (NW). Offered: fall and spring semesters.

**REL 220 - Problems of Religious Thought (4)**

A selected topics course with varying subject matter.

Distribution: (HFA) (IG) (NW). Offered: Offered as needed.

**REL 288 - Chinese Yoga and Meditation (4)**

An introduction to *qigong* (i.e., Chinese yoga) and Daoist (Taoist) meditation. This course has an experiential learning component: students will practice *qigong* and meditation techniques inside and outside of class. This course examines medical, martial and spiritual *qigong* and Daoist meditation forms, the connections of these forms to Chinese religion, traditional Chinese medicine, Asian martial arts and cosmology, and the history of the 20th-century *qigong* movement. Contemporary and classical readings by critical scholars and practitioners will supplement the practices. Appropriate for beginners and more advanced students. Practices will be modified for those who are physically unable to perform them.

Distribution: (HFA) (NW). Offered: Winter Intersession and May Term.

**REL 350 - Independent Study (1-4)**

Distribution: (HFA). Offered: Offered as needed.

**SEM - Social Emerging Media****SEM 601 - Digital Storytelling (4)**

This course teaches the fundamentals of good storytelling while introducing techniques for engaging audiences across a variety of media forms. Students will

explore how sound, images, interactivity, immersive video, virtual reality, and other emerging technologies are transforming storytelling practices in journalism, content writing, popular entertainment, and the arts. By the end of the course, students will demonstrate what they have learned by creating their own digital storytelling projects.

Offered: Continuous.

**SEM 614 - Motion Graphics and Visual Effects for Social and Emerging Media (4)**

This course is a practical introduction to 3D Motion Graphics and Visual Effects (VFX) for social and emerging media. Students will learn how to use motion graphics to create intros, logos, opening animations, animated data graphs and data visualizations. Students will also learn basic visual effects (VFX) techniques used in Hollywood to improve the production value of their video content. This is an intensive and hands-on class.

**SEM 602 - Visual Design for Emerging Media (4)**

In this studio-based course, students will learn how to integrate diverse practices of art and design as they pertain to web-based, social media, and emerging visual communication. Students will gain necessary skills to unify visual concepts through an engagement with aesthetics, lighting, platform modification, and video presentation methods. This course will also give specific technical information regarding the use of the Adobe Creative Suite, and hands-on materials based research with a range of tools for digital recording and output.

Offered: Continuous.

**SEM 603 - Audio and Video Production for Emerging Media (4)**

A graduate level introduction to hands-on digital film production and post-production. Each student will complete several short projects. Students will be introduced to portable equipment at the cage and production facilities, including the black box studio space. Class will be comprised of technical demonstrations, in-class shoots and critiques of student work. Basic history, theory and aesthetics of related media are presented. Special emphasis will be given to the rapid conceiving and shooting effective short social media content. The course will also present an introduction to producing content for augmented and virtual reality distribution.

Offered: Continuous.

**SEM 604 - Social and Emerging Media Strategy and Analytics (4)**

This course prepares students to learn and apply strategic digital communication principles for analyzing the impact of media messages. Students will acquire knowledge and skills in media analytics to understand how audiences consume and interact with social and emerging media products. Using data recollection and analysis techniques, students will learn how to

interpret data strategically, for identifying relevant consumer insights to add into actionable plans that respond to challenges and opportunities.

Offered: Continuous.

### **SEM 610 - User Experience and Audience Research (4)**

This course covers theories and research techniques needed for understanding digital audiences' behavior and user experience towards media products. Social psychology and consumer behavior theories and concepts discussed in this class, will help students to identify audiences' needs, values, and attitudes. Students will learn to apply research techniques (e.g. surveys, interviews, focus groups, eye-tracking, facial mapping, and user data retrieval) for understanding user interactions with content on social and emerging media platforms.

### **SEM 611 - Media Creation and Project Management (4)**

This course introduces students to the processes of developing and managing media projects, including ideation, prototyping, planning and budgeting, media asset management, workflows, and team communication. Students will demonstrate their mastery of development and management concepts by researching, writing, and presenting proposals for their own media projects.

### **SEM 612 - Emerging Media: Industry, Policy, and Law (4)**

This course explores how laws, policies, and industry practices influence the development and viability of emerging media. It covers subjects such as media ownership structures and industry competition, intellectual property, defamation and privacy law, SLAPP litigation, employee non-disclosure agreements, and wireless spectrum regulation.

### **SEM 613 - Advanced Production in Emerging Media (4)**

Advanced Production in Emerging Media is a course that studies and employs current and upcoming technologies in a hands-on production environment. The course will explore open source and emerging tools related to visual and aural media, immersive tools, mixed and virtual realities, alternative and embedded screens, physical computing, biosensors, trackers etc., and then break out into production teams to concept and create project with these emerging media. The group production team model mimics real-world experience within a production team on complex new media project.

### **SEM 700 - Capstone in Social and Emerging Media (4)**

The capstone experience is the final course for the Master of Arts in Social and Emerging Media, and it culminates in a project that demonstrates the student's expertise in the field. The capstone experience is largely independent, and students will plan and produce a

project under the supervision of a faculty member. Students who choose to do so have the opportunity to coordinate work on their projects with a nonprofit organization or a business in the Tampa Bay area.

Prerequisite: Students must take all five of the required core courses and at least one elective before taking the capstone course. Offered: Continuous.

## **SOC - Sociology**

### **SOC 100 - Introduction to Sociology (4)**

An introduction to the structure, function and development of human societies. Emphasizes the nature and meaning of culture, socialization, social institutions, social inequality and social change.

Distribution: (IG) (NW) (SS). Offered: fall, spring and summer semesters.

### **SOC 202 - Marriages and Families (4)**

This course challenges students to re-examine their values about the diversity of marriages and families in America. The class consists of an overview of the processes of family formation, maintenance and dissolution.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring semester.

### **SOC 205 - Medical Sociology (4)**

This course examines the social contexts of health, illness and health care. Specifically, the class consists of an overview of the subjective experience of health and illness; the political, economic, and environmental circumstances that impact health; and the societal forces that shape medical systems and people's responses to illness.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring semester.

### **SOC 210 - Sociology of Popular Culture (4)**

The course relies on a variety of sociological perspectives to examine the role of popular culture in contemporary society, with a particular emphasis on mass media and its role as an agent of socialization. Students learn how to be critical consumers of media images.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall semester.

### **SOC 215 - Sociology of Sexualities (4)**

An exploration of sex and the interactions among and between people and institutions that form the boundaries through which sexualities are understood in the United States.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall semester.

### **SOC 216 - Sociology of Sport (2-4)**

This course examines the social construction of sports as well as the impact of sports upon society. Specifically, the class consists of an overview of the

social experience and patterning of sports; the political, economic, and environmental circumstances that impact sports; and the societal forces that shape sporting systems and events as well as people's responses to and interpretations of sports.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring.

#### **SOC 216A - Sociology of Sport--Abroad (2)**

This course is the travel portion of Sociology of Sport. Students in this course will travel to a different country where they will take part in and explore sport through the lens of tourism. The focus of the course is on how international sport tourism is affecting people, cultures, and the environment in various parts of the world.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring.

#### **SOC 240 - Sociology of Childhood (4)**

This course examines the social psychological development of children. Specifically, the class consists of an overview of the bio-social-psychological experiences of early human development; the processes, norms and agents that contribute to the socialization of children within specific social, historical, medical, and political contexts; and the ways societal forces shape the meaning and experience of childhood in contemporary societies.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall and spring semesters.

#### **SOC 290 - Special Studies (2-4)**

Special courses may be offered each year.

Distribution: (SS). Prerequisite: SOC 100. Offered: Varies when offered.

#### **SOC 306 - Racial and Ethnic Relations (4)**

A comparative study of intergroup relations, social conflict and modes of adjustment in the United States and elsewhere. Examines prejudice and discrimination, their sources, their consequences and potentials for change.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall and spring semesters.

#### **SOC 307 - Families in Global Perspective (4)**

This class examines the impact of globalization on family life in the U.S., other industrialized countries, and the developing world. The class consists of an overview of the relationship between globalization and work-family issues, gender, migration, poverty and inequality, and the status of women, children and the elderly.

Distribution: (IG) (NW) (SS) (W). Prerequisite: SOC 100. Offered: fall semester.

#### **SOC 308 - Sociology of Religion (4)**

An examination of religion from a social scientific perspective. A sociological history of religion, major sociological theories of religion, and religion's relation to various aspects of social life and inequality (race, class, and gender) are explored.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall semester.

#### **SOC 313 - Social Stratification (4)**

A historically situated, cross-national examination of the ways in which our political, cultural, economic, and social systems reflect and perpetuate economic stratification. Emphasis is placed on the role of personal, cultural, organizational, and institutional forms of racism and sexism (and their various intersections) that perpetuate economic inequality. Possibilities of positive and sustainable social, political, and cultural change are also reviewed.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall and spring semesters.

#### **SOC 315 - Sociology of Deviance (4)**

This course examines deviance from a critical, sociological perspective. The social construction, political nature, and social control of deviance are investigated. Major sociological theories of deviance, as well as their social policy implications, are analyzed. The development, management and cessation of deviant roles, identities, and careers are also explored.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring semester.

#### **SOC 316 - Population and Society (4)**

The course is designed to provide students with an overview of the field of population studies, also known as demography. In this course, we will examine the causes and consequences of population growth, size, and composition related to changes in health and mortality, fertility, migration, and family and household structure. Students will also be introduced to basic demographic measures, methods, and sources of data.

Distribution: (SS). Prerequisite: SOC 100.

#### **SOC 320 - Sociology of Gender (4)**

Gender is explored as a central, organizing concept in society. The course focuses on the social construction of gender and the effect of gender-role differentiation on social institutions including the family, politics and the economy as well as the impact of social change and the women's movement on gender roles in contemporary society.

Distribution: (SS) (W). Prerequisite: SOC 100. Offered: fall and spring semesters.

#### **SOC 325 - Clinical and Counseling Sociology (4)**

Focuses on the application of a sociological perspective to the analysis, design, and implementation of interventions that assist individuals, couples, families, small groups, organizations, and communities. Primary emphasis is based upon students learning and practicing basic skills used in sociological practice.

Distribution: (SS). Prerequisite: SOC 100. Offered: fall semester.

#### **SOC 330 - Global Sociology (4)**

A review of the types of human societies throughout history, with a particular emphasis on the recent phenomenon of economic, political, cultural and ideological globalization. Students evaluate whether humankind is better off today than in earlier generations.

Distribution: (IG) (SS). Prerequisite: SOC 100.  
Offered: Varies when offered.

#### **SOC 340 - Social Psychology: A Sociological Approach (4)**

Using a micro-sociological approach to social psychology, this class examines the ways in which people's "humanness" (e.g., thoughts, embodiment, feelings, positionality, interpretations, meaning-making, performances, subjectivities, identities, interactions, and lived experiences) shape and are shaped by social forces (i.e., culture, history, and social structure). This involves an overview and critical analyses of concepts, theories, epistemologies, and methods/methodologies central to the principles, processes, and practices of a sociologically informed social psychology.

Distribution: (SS). Prerequisite: SOC 100. Offered: spring semester.

#### **SOC 344 - Sociological Theories (4)**

A survey of major trends in social thought. Interpretive skills, logic, good writing, and critical thinking will be emphasized in a review of the major classical and contemporary schools of sociological thought.

Distribution: (SS) (W). Prerequisite: SOC 100.  
Offered: fall and spring semesters.

#### **SOC 355 - Introductory Data Science (4)**

An introduction to statistics, covering the basics of probability and a variety of statistical tests, from t-tests to regression. The course is taught using examples from the social sciences and has a heavy emphasis on applied data analysis. Students will get hands-on experience analyzing data.

Distribution: (SS) (W). Prerequisite: SOC 100.  
Offered: fall and spring semesters.

#### **SOC 365 - Qualitative Research Methods (4)**

This course enables students to build skills in exploratory and inductive research methods, including field work, interviewing, content analysis, and focus groups. Emphasis is placed on ethical and responsible research and data analysis methods.

Distribution: (SS) (W). Prerequisite: SOC 100.  
Offered: fall semester.

#### **SOC 375 - Research Methods (4)**

Applies the scientific method to the analysis of society. Includes elements in scientific logic, problem formation, research design, methods of data collection and analysis, and interpretation of data.

Distribution: (SS) (W). Prerequisite: SOC 100.  
Offered: spring semester.

#### **SOC 450 - Independent Study (2-4)**

A series of directed readings and short research projects on a topic of interest to the student. Materials covered must be different from those included in current courses. Independent studies may be taken with any full-time professor in the sociology area. Subject matter must be determined through student-faculty consultation.

Distribution: (SS). Prerequisite: Completion of 20 hours of sociology, minimum 3.0 GPA, and consent of instructor.

#### **SOC 451 - Senior Thesis (4)**

Involves a major research paper planned and written with possible publication in mind. A senior thesis can be written under the guidance of any full-time professor in the sociology department. Subject matter must be determined through student-faculty consultation.

Distribution: (SS). Prerequisite: Completion of 28 hours of sociology, minimum 3.25 GPA, and consent of instructor. Offered: fall and spring semesters.

#### **SOC 460 - Applied Sociology (4)**

Demonstrates to students how sociological knowledge or research tools can be used to enhance the quality of social life. Students will delve into the varieties of applied sociology including: program evaluation and implementation, needs assessment, social impact assessment, policy analysis, focus group research and action research.

Distribution: (SS). Prerequisite: SOC 344, SOC 375, junior or senior standing. Offered: fall and spring semesters.

#### **SOC 480 - Practice Experience (4)**

The practice experience provides students with supervised work experiences where they learn how to ethically and professionally apply sociological theories and methods under faculty supervision. Students will choose among four types of practice: 1) internship, 2) research project, 3) community service commitment, or 4) independent study for practice. Students will complete 160 practice hours total, meet biweekly with their faculty supervisor, apply sociology to their experiences through varied assessments, and submit a portfolio at the semester's conclusion. Students who choose to practice in an internship or community service setting will also be supervised by members affiliated with their site.

Distribution: (SS). Prerequisite: SOC 344, SOC 375, sociology majors only, junior or senior standing.  
Offered: fall and spring semesters.

## **SPA - Spanish**

#### **SPA 101 - Elementary Spanish I (4)**

Not open to native speakers. Beginning Spanish with emphasis on Hispanic culture, as well as understanding and speaking Spanish in practical situations. Includes practice in reading and writing.



Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Spanish or Portuguese. May not be taken after SPA 105. This course is only open to students who have successfully completed one year or less of Spanish in secondary school within the previous eight years, and no university Spanish. Students cannot take SPA 101, 105, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **SPA 102 - Elementary Spanish II (4)**

Not open to native speakers. Beginning Spanish with emphasis on Hispanic culture, as well as understanding and speaking Spanish in practical situations. Includes practice in reading and writing.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Spanish or Portuguese. SPA 101 (or equivalent skills) is a prerequisite for SPA 102. Students cannot take SPA 101, 105, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **SPA 105 - Elementary Spanish Review (4)**

Review of Spanish for students who have studied the language in high school for at least two years. Emphasis on accelerated grammar and speaking. Listening comprehension, reading and writing are included.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Spanish. May not be taken after SPA 101. Students cannot take SPA 101, 102, 105, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **SPA 121 - Spanish for Criminal Justice (4)**

A basic introduction to Spanish for students who are interested in working in criminal justice and/or law enforcement. Emphasis on speaking and listening skills through the use of specialized vocabulary, simulations, paired activities, and interaction with native speakers. Cultural issues particular to the Spanish-speaking community will also be addressed.

Distribution: (HFA) (IG). Prerequisite: SPA 101 or equivalent skills. Not open to native speakers of Spanish or Portuguese. Students who have successfully completed 2 or more years of Spanish in secondary school within the previous 8 years may not enroll in this course for credit. Not open to students who have previously enrolled in any SPA courses above 102. Offered: Varies when offered.

#### **SPA 122 - Spanish for the Medical Field (4)**

A basic introduction to Spanish for students who are interested in working in the medical field. Emphasis on speaking and listening skills through the use of specialized vocabulary, simulations, paired activities, and interaction with native speakers. Cultural issues particular to the Spanish-speaking community will also be addressed.

Distribution: (HFA) (IG). Prerequisite: SPA 101 or equivalent skills. Not open to native speakers of Spanish or Portuguese. Students who have successfully completed 2 or more years of Spanish in secondary school within the previous 8 years may not enroll in this course for credit. Not open to students who have

previously enrolled in any SPA course above 102. Offered: Varies when offered.

#### **SPA 151 - Topics in Spanish (1-4)**

Content varies.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. May be repeated for credit. Offered: Offered as needed.

#### **SPA 201 - Intermediate Spanish I (4)**

Not open to native speakers of Spanish. Develops a greater understanding of Hispanic culture and everyday Spanish, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Spanish. SPA 102 or/and SPA 105 or equivalent skills required for SPA 201. Students cannot take SPA 101, 105, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **SPA 202 - Intermediate Spanish II (4)**

Not open to native speakers of Spanish. Develops a greater understanding of Hispanic culture and everyday Spanish, as well as speaking, reading and writing skills.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers of Spanish. SPA 201 or equivalent skills required for SPA 202. Students cannot take SPA 101, 105, 102, 201, or 202 concurrently. Offered: fall and spring semesters.

#### **SPA 251 - Topics in Spanish (1-4)**

Content varies. May be repeated for additional credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Not open to native speakers of Spanish. Offered: Offered as needed.

#### **SPA 300 - Advanced Spanish I (4)**

Not open to students who received their secondary education in the Spanish language. Areas of emphasis in Advanced Spanish I are oral expression, reading and vocabulary building. Areas of emphasis in Advanced Spanish II are writing, vocabulary building and grammar. Courses may be taken out of sequence.

Distribution: (HFA) (IG). Prerequisite: SPA 300 not open to native speakers. SPA 202 or equivalent skills.

#### **SPA 301 - Advanced Spanish II (4)**

Areas of emphasis in Advanced Spanish I are oral expression, reading and vocabulary building. Areas of emphasis in Advanced Spanish II are writing, vocabulary building and grammar. Courses may be taken out of sequence.

Distribution: (HFA) (IG). Prerequisite: Not open to native speakers. Not open to students who received their secondary education in the Spanish language. SPA 202 or equivalent skills.

#### **SPA 307 - The Structure of Modern Spanish (4)**

An introduction to the study and description of language according to the principles of modern linguistics.

Distribution: (HFA). Prerequisite: SPA 202, or consent of instructor.

#### **SPA 311 - Commercial Spanish (4)**

The study of the fundamentals of practical, commercial Spanish, including business report and letter writing, as well as the language of advertising, foreign trade, transportation, banking and finance. Also considers the cultural context of Hispanic business.

Distribution: (HFA) (IG). Prerequisite: SPA 202 or equivalent skills.

#### **SPA 320 - Hispanic Cinema (4)**

A study of 20th-century Hispanic cinema, taking into account the historical and cultural backgrounds of the different periods with an examination of how the changing historical times affect the Spanish-language film industry. The course includes the use of critical writing to carry out a comparative analysis of films from both Latin America and Spain. Class conducted in Spanish.

Distribution: (A) (HFA) (IG). Prerequisite: One 300-level Spanish course, equivalent skills or instructor consent.

#### **SPA 325 - Advanced Spanish Conversation through Literature and Film**

This advanced conversation course consists of an integration literary readings on culture and film as it provides many opportunities to develop speaking, listening and writing skills while also focusing and engaging students in critical thinking and interpretation.

Distribution: (HFA). Prerequisite: SPA 300 or instructor consent. Not open to native speakers of Spanish.

#### **SPA 331 - Reading Literature (4)**

Introduction to reading literature and understanding poetry, prose, and drama in Spanish. Includes basic literary techniques, devices and verse forms. Selections are from Spanish and Latin American writers. Class conducted in Spanish.

Distribution: (A) (HFA) (IG). Prerequisite: SPA 202 or equivalent, four or more years of high school Spanish, or equivalent skills.

#### **SPA 351 - Topics in Spanish (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **SPA 421 - Spanish Culture and Civilization I (4)**

An integrated picture of the political, economic, social, geographic and cultural forces that have shaped Spain and Latin America. SPA 421 covers Spain; SPA 422 covers Latin America. Class conducted in Spanish.

Distribution: (HFA) (IG). Prerequisite: Two 300-level Spanish courses, equivalent skills, or consent of instructor.

#### **SPA 422 - Latin American Civilization and Culture (4)**

An integrated picture of the political, economic, social, geographic and cultural forces that have shaped Spain and Latin America. SPA 421 covers Spain; SPA 422 covers Latin America. Class conducted in Spanish.

Distribution: (HFA) (IG). Prerequisite: Two 300-level Spanish courses, equivalent skills, or consent of instructor.

#### **SPA 431 - Spanish Literature through the Golden Age (4)**

A reading and discussion of selections by master writers of Spanish literature for an understanding of how ideas, feelings and social points of view are conveyed through literature. Reviews the historical and cultural background of each period. Class conducted in Spanish.

Distribution: (A) (HFA) (IG). Prerequisite: Two 300-level Spanish courses, equivalent skills, or consent of instructor.

#### **SPA 432 - Spanish Literature from the 19th Century until Today (4)**

A reading and discussion of selections by master writers of Spanish literature for an understanding of how ideas, feelings and social points of view are conveyed through literature. Reviews the historical and cultural background of each period. Class conducted in Spanish.

Distribution: (A) (HFA) (IG). Prerequisite: Two 300-level Spanish courses, equivalent skills, or consent of instructor.

#### **SPA 435 - Latin American Literature (4)**

An introductory survey of the main trends in contemporary Latin American literature through selected works of some of its most representative authors. Class conducted in Spanish.

Distribution: (A) (HFA) (IG) (NW) (W). Prerequisite: Two 300-level Spanish courses, equivalent skills, or consent of instructor.

#### **SPA 436 - The Latin American Novel (4)**

The rise and influence of the Latin American novel in the 20th century is studied through a careful selection of representative works. Authors include Asturias, Carpentier, Cortázar, Donoso, Fuentes, García Márquez, Piglia, Peri Rossi, Poniatowska, Rulfo, Saer, Vargas Llosa and many others.

Distribution: (A) (HFA) (IG) (W). Prerequisite: Two 300-level Spanish Courses, equivalent skills or consent of the instructor.

#### **SPA 441 - Hispanic Women Writers**

This course consists of an exploration of the development of Hispanic women writers with an examination of the relationship between gender and literature. A selection of readings will be the foundation of the comprehension of these themes within a literary and social-cultural context. Class conducted in Spanish

Distribution: (A) (HFA) (IG) (W). Prerequisite: Two 300 level courses, equivalent skills, or instructor consent.

#### **SPA 451 - Topics in Spanish (1-4)**

Content varies. May be repeated for credit.

Distribution: (HFA) (IG). Prerequisite: Consent of instructor. Offered: Offered as needed.

#### **SPA 499 - Research Capstone (2)**

Spanish majors with senior standing choose a research project in consultation with a full-time faculty member of the department in one of the following areas of study: linguistics, literature, second-language acquisition or cultural studies. The research and preparation of the final written product is carried out under the guidance and supervision of the faculty mentor and reviewed by the department. Graded on a satisfactory/unsatisfactory basis.

Prerequisite: Spanish majors with Senior status only. Two 400-level Spanish courses or instructor consent.

### **SPE - Speech**

#### **SPE 100 - Voice and Diction (4)**

A course dedicated to the study of voice production, articulation, vocal expressiveness and provides an introduction to phonetics.

Distribution: (HFA). Offered: fall semester.

#### **SPE 192 - Independent Study**

An independent study that provides first-year students with an opportunity to pursue a topic or project under the guidance of a communication and speech studies faculty member. By permission of instructor and department director.

#### **SPE 200 - Oral Communication (4)**

Develops and improves skills in speech composition and delivery by exposure to various speech types and situations, and concentrates on poise in group speaking situations.

Distribution: (HFA). Offered: fall and spring semesters.

#### **SPE 205 - Oral Performance of Literature (4)**

A course designed to develop interpretive skills, vocal range and flexibility, understanding of language, and expressiveness of voice and body in the interpretation of literary forms.

Distribution: (A) (HFA). Offered: spring semester.

#### **SPE 208 - Speech for Business and the Professions (4)**

Offers practice in briefings, interviews, problem-solving conferences and communication management. Covers techniques for speaking situations commonly encountered in business and the professions, and also includes formal and informal professional writing assignments.

Distribution: (HFA). Offered: fall, spring and summer semesters.

#### **SPE 209 - Speech for Business (Travel) (2-4)**

Offers practice in briefings, interviews, problem-solving conferences and communication management. Covers techniques for speaking situations commonly encountered in business and the professions, and also includes formal and informal professional writing assignments.

Distribution: (HFA). Prerequisite: Approval of instructor and registration with the Office of International Programs. Offered: Second 7 weeks of Spring.

#### **SPE 209A - Speech for Business (Travel) (2)**

Offers practice in briefings, interviews, problem-solving conferences and communication management. Covers techniques for speaking situations commonly encountered in business and the professions, and also includes formal and informal professional writing assignments.

#### **SPE 212 - Global Speech, Human Rights and Social Justice (4)**

This course is designed to explore the impact of public speaking in the changing course of history in the areas of human rights and social justice. The focus of the course will be evaluation of exemplary speeches, how they were reported and received. Students will analyze speeches by human rights activists and political leaders through in-class writing assignments, discussions, analysis and research.

Distribution: (HFA) (W). Offered: fall semester.

#### **SPE 292 - Independent Study (1-4)**

An independent study that provides second-year students with an opportunity to pursue a topic or project under the guidance of a communication and speech studies faculty member. By permission of instructor and department director.

#### **SPE 300 - Storytelling: Voice, Script and Movement (4)**

This course includes practical application of ideas toward writing and performance of personal stories.

Distribution: (A) (HFA) (W). Offered: spring semester.

#### **SPE 308 - Group Presentation and Leading Change (4)**

Identifies and studies the communication characteristics and cues that set leaders apart from average speakers. Through observation, research, performance and study, students will work to understand the characteristics central to leadership and those communication patterns common to group situations and opportunities. Application will include speeches, activities, academic writing and speaking; and experimental learning opportunities that strive for transformative growth and aptitude. Students will work with leaders inside and outside the classroom.

Distribution: (HFA). Prerequisite: SPE 200, SPE 208 (or equivalent), or consent of instructor. Offered: fall and spring semesters.

**SPE 310 - Interpersonal Communication (4)**

This course focuses on communication in relationships. The emphasis of the course is on the application of interpersonal communication theory, research, and practical skills to everyday life. We pay particular attention to the impact interpersonal communication has on individual identity, and personal, social, and professional relationships. In addition, this course examines trends that affect interpersonal communication in the 21st century: social diversity, the increasing number of long-distance relationships, and the influence of technology on interpersonal interaction.

Distribution: (HFA). Offered: fall semester.

**SPE 315 - Freedom of Speech and First Amendment Studies (4)**

This advanced public speaking skills course examines the constitutional, statutory and cases affecting communication professions and individuals. Through research and performance students will analyze the historical context of free speech in the United States and international speech issues. A broad range of issues will be considered, including blasphemy, commercial speech, free press, hate speech and privacy, other contexts such as the personal dissemination of speech (i.e. Facebook, Twitter, etc.). Activities include professional presentations, class discussion and academic writing. Critical thinking and deductive reasoning will be highly utilized in this course.

Distribution: (HFA) (W). Prerequisite: AWR 201 or instructor permission. Offered: spring semester.

**SPE 330 - Special Topics in Speech (2-4)**

Special Topics in Speech will offer instruction and experiences in specialized speech-related courses such as forensics, more advanced speech courses, and analysis of public political rhetoric speech.

Distribution: (HFA). Offered: Varies when offered.

**SPE 392 - Independent Study (1-4)**

An independent study that provides third-year students with an opportunity to pursue a topic or project under the guidance of a communication and speech studies faculty member. By permission of instructor and department director.

**SPE 400 - Public Messages and Technology (4)**

This course is designed for students interested in the management of speech communication in the context of technology. Students will study the theory and practice of formulating "public" messages for the technology channel of the communication model, and specific attention will be paid to the analysis of the receivers. The formation and critical thought behind the message, the difference between classical message, popular trends, credibility, ethos, pathos, and logos in the traditional speech-making event, and the general outcome of all communication model elements as well as the integration of technology into the public speech event will be studied.

Distribution: (HFA). Corequisite: SPE 200, SPE 208 (or equivalent), or consent of instructor. Offered: spring semester.

**SPE 425 - Persuasion, Argumentation, and Conflict Resolution (4)**

This course will train students to critically evaluate argument by studying types of argumentation, debate, proof, refutation; and learn the essential skills to prepare, organize and assess persuasive statements. In addition to theory and practical strategy, students will engage in various forms of conflict resolution, as well as mock debates, negotiations, and mediation practices. Students will also gain advanced public speaking skills and learn to critically evaluate arguments in real time.

Distribution: (HFA). Prerequisite: AWR 101 and AWR 201 (or equivalent), or consent of instructor. Offered: spring semester.

**SPE 492 - Independent Study (1-4)**

An independent study that provides fourth-year students with an opportunity to pursue a topic or project under the guidance of a communication and speech studies faculty member. By permission of instructor and department director.

**SPM - Sport Management****SPM 290 - Introduction to Sport Management (3)**

This course will introduce the academic content standards for sport management and discuss career paths in the sport industry. In addition, students will develop networking skills and partake in an experiential learning exercise.

Offered: fall, spring and summer semesters.

**SPM 298 - Practicum in Sport Management (3)**

This course will combine classroom instruction on careers in sport, utilizing organizational charts and job descriptions from the sport industry with a variety of service learning opportunities with sport organizations in the Tampa Bay area. This class will also introduce the requirements and procedures for obtaining and registering for SPM 495 Internship in Sport Management.

Prerequisite: Only SPM Majors may register for this course. Offered: fall and spring semesters.

**SPM 312 - Management Concepts in Sport (3)**

This course will provide students with general knowledge of the most important topics involved in the management of sport. An emphasis will be placed on the process of managing including planning, organizing, implementing and controlling and relating these areas to sport-specific context. Other topic areas such as motivation, leadership, decision making, communication solving, human resource management, communication, rewards and evaluation will be addressed.

Distribution: (W). Prerequisite: SPM 290 or ESC 110. Offered: fall and spring semesters.

**SPM 315 - Contemporary Issues in Sport Management (3)**

This course investigates several contemporary issues in modern sport management. The subject matter will focus on current events, topics, and implications surrounding specific areas of sport management selected by the instructor. Students will be exposed to situations in sport management which will test the analytical decision making, ethical decision making, and critical thinking skills.

Prerequisite: SPM 290 or permission of the instructor. . Offered: fall and spring semesters.

**SPM 374 - International Sport Management (3)**

The objective of this course is to increase awareness and understanding of international sport management around the world. The course focus is on sport and culture throughout South America, Africa, Europe, Asia, and Oceania. Students will be able gain an in-depth understanding of the differences between the U.S. sport model in comparison to other international sport models.

Distribution: (IG). Prerequisite: SPM 290 or by permission of the instructor. . Offered: Periodically.

**SPM 375 - History of the Modern Olympic Games (3)**

The Olympics are the foundation of organized sport throughout the world. This course will explore the political, social, cultural and economic impact the games have had on society. It will also examine the administrative functions of governing bodies of professional and amateur sport across the world.

Distribution: (IG) (SS if not used to fulfill an SPM major requirement). Prerequisite: SPM 290 or by permission of the instructor. . Offered: Periodically.

**SPM 385 - Media Relations and Communication in Sport (3)**

This course will provide a framework for understanding the connection between the informational and commercial sides of sport information management. Emphasis will be placed on allowing future sport managers the opportunity to acquire and refine effective ways of communicating, both internally and externally, with all their constituencies.

Distribution: (W). Prerequisite: SPM 290. Offered: fall and spring semesters.

**SPM 390 - Financial Issues in Sport (3)**

An in-depth study of the administrative and financial policies, standards and procedures involved in the sport management profession and related fields.

Prerequisite: SPM 290, ACC 202 and ECO 204. Offered: fall, spring and summer semesters.

**SPM 395 - Sport Marketing/Fundraising (3)**

Studies marketing, fund-raising and promotion techniques as they apply to the sports business. The course is designed to provide students with a broad and contemporary overview of the sport marketing

field. This course will compare and contrast the field of sport and entertainment marketing with the practices and applications of mainstream marketing. Sport marketing is designed for students to study sport marketing theories and practical applications and principles by specifically learning about marketing information systems, pricing strategies, media relations, promotional methods and endorsements.

Prerequisite: SPM 290, ACC 202, and ECO 204. Offered: fall and spring semesters.

**SPM 397 - Legal Issues and Risk Management in Sport (3)**

This course is designed as an overview of the legal issues most often encountered in sport. The course emphasizes tort, contract and select areas of constitutional, statutory, labor and commercial law. Students become aware of the rights of participants, athletes, coaches, managers, teachers, referees and others engaged in amateur and professional sport.

Prerequisite: SPM 290 or athletic training major. Offered: fall and spring semesters.

**SPM 399 - Global Sport Management (2)**

Sport serves as a global language bridging many cultural, social, and political barriers. As an industry, sport accounts for about 5% of the worldwide economy. This is a travel course that will provide students an experiential learning experience in the global marketplace. Interested students enroll in this on-campus portion of this course during the semester prior to the travel abroad offering (SPM 399A). This course examines strategic, operational, cultural and technological factors to prepare future business leaders for success in the competitive sport marketplace. The course, along with completion of SPM 399A can be substituted for SPM 375 History of Modern Olympics or SPM 374 International Sport Management.

Distribution: (IG). Prerequisite: SPM 290. Offered: Periodically during spring semester.

**SPM 399A - Global Sport Management - Travel Abroad (2)**

Sport serves as a global language bridging many cultural, social, and political barriers. As an industry, sport accounts for about 5% of the worldwide economy. This is a travel course that will provide students an experiential learning experience in the global marketplace. Interested students enroll in the on-campus portion of this course during the semester prior to this offering (SPM 399). While abroad, the class tours sports venues, attend matches, speaks to and interacts with sport professionals in the global marketplace, volunteers and visits historical sites. The travel component may last 10-14 days. This course examines strategic, operational, cultural and technological factors to prepare future business leaders for success in the competitive sport marketplace. The course, along with completion of SPM 399 can be substituted for SPM 375 History of Modern Olympics or SPM 374 International Sport Management.

Prerequisite: SPM 290. Offered: Periodically in the May semester.

### **SPM 410 - Special Topics in Sport Management (2-3)**

This course is an exploration of one or more special topics in Sport Management. The course gives students a comprehensive overview of a specialized field in sports as provided by the professor. May be repeated if content varies.

Prerequisite: SPM 290. Offered: Periodically.

### **SPM 425 - Professional Selling in Sport (3)**

This course focuses on promotion and sales of sport. Quite often, selling is a student's initial entryway into the sport business. This course will examine the relationship between rights holders and sponsors of sport teams and events. It will also examine how events sell tickets and the technology associated with ticketing. Presentation skills, prospecting and closing will be addressed. This course will utilize guest speakers from the Tampa sport industry and will culminate with the class being a part of selling tickets/sponsorship for a Tampa Bay area sport event.

Prerequisite: SPM 290 and 395. Offered: fall and spring semesters.

### **SPM 491 - Seminar in Sport Management (3)**

This is the capstone course for the SPM program. It includes research project, a case study presentation and a review of fundamental concepts from upper level courses in the SPM program. Students will also engage in a number of professional development activities such as mock interviews, resume development, job search strategies and networking opportunities with sport industry professionals.

Distribution: (W). Prerequisite: SPM majors in their final semester of residence at UT and permission of instructor. . Offered: fall and spring semesters.

### **SPM 493 - Venue and Event Management (4)**

This course takes advantage of many of the world class sport and event venues in the Tampa Bay Area. The course consists of lecture and numerous site visits to venues. The course explores commonalities and differences in managing and marketing different venues and events.

Prerequisite: SPM 298, SPM 390, and SPM 395. . Offered: fall and spring semesters.

### **SPM 495 - Internship in Sport Management (6-12)**

This course offers practical experience in the sport and entertainment industry. SPM Majors are required to successfully complete twelve (12) credit hours of this course prior to graduation.

Prerequisite: Successfully completed a minimum of sixty (60) credit hours. Successfully completed a minimum of eighteen (18) credit hours of SPM classes. These eighteen credit hours must include: SPM 290 and SPM 298. The remaining twelve credit hours may include any 300 level or higher SPM courses of the student's choice. Permission of internship coordinator

is also required. . Offered: fall, spring and summer semesters.

### **SPM 499 - Independent Study in Sport Management (1-4)**

For Sport Management students only with permission of instructor. Readings or independent study course taken under faculty guidance for variable credit.

Prerequisite: SPM 290. Offered: fall, spring and summer semesters.

## **SPT - Spanish Literature in English Translation**

### **SPT 250 - Spanish Literature in English Translation (4)**

Distribution: (A) (HFA). Prerequisite: Prerequisites. A study of selected masterpieces of Spanish literature. Course and readings are in English.

### **SPT 251 - Latin American Literature in English Translation (4)**

Reading and analysis of literary masterworks from Latin America. Texts, periods, and regions will vary from semester to semester. Course and readings are in English. Equivalent to ENG 251.

Distribution: (A) (HFA) (NW).

### **SPT 265 - Revolutionary Cuba: The Politics of Culture and the Culture of Politics (Honors) (4)**

In-depth analysis of Cuban culture before and after the Cuban Revolution of 1959. Consideration of current political, economic and cultural trends and their potential consequences in a post-Castro Cuba.

Distribution: (H) (IG) (NW) (SS).

## **THR - Theatre**

### **THR 101 - Improvisation for the Theatre (3)**

This course provides an introduction to creative dramatics as a means for developing the basic skills required in actor training. Students will become familiar with sound and movement, transformation, exploration of sensory awareness and creativity as it pertains to character development.

Distribution: (A) (HFA/ST). Offered: fall semester.

### **THR 120 - Introduction to Theatre (4)**

This course provides an introduction to the workings of global, multicultural theatrical production. An examination of the functions of all theatrical production collaborators. A survey of a selection of performance production styles and genres. Students will read significant production texts, view representative media and create low-tech, small-scale production projects in writing, design, directing or performance that activate the concepts and principles of production processes.

Distribution: (A) (HFA) (IG) (NW). Offered: fall and spring semesters.

#### **THR 175 - Ethical Questions and Modern Drama (4)**

This course deals with significant modern plays in which the conflict centers on ethical questions across a broad range of University subjects: business, science, politics and relations with and responsibilities to others. Classroom sessions and papers will address the plays first as works of literature, but will go on to discuss and debate the ethical issues involved.

Distribution: (A) (HFA). Offered: Varies when offered.

#### **THR 200 - Movement for the Actor (3)**

Course that provides the fundamentals of stage movement with the usage of the voice in performance, help students master the physicalization of emotion and physical character building.

For THR/MTR majors only

Distribution: (A) (HFA). Offered: spring semester.

#### **THR 201 - Acting I for Majors (3)**

A studio/performance-oriented course that introduces the craft to acting. Teaches basic technique and develops skills of relaxation, observation and concentration using exercises, improvisation, monologues and scene work. Required for majors/minors.

Distribution: (A) (HFA/ST). Prerequisite: THR 101 and 200. Offered: fall semester.

#### **THR 202 - Acting II for Majors (3)**

This studio/performance-oriented course provides training and experience in stage performance for students with initial expertise in the craft of acting. Course emphasis is on monologue or scene preparation and performance. Required for majors.

Distribution: (A) (HFA/ST). Prerequisite: THR 201. Offered: spring semester.

#### **THR 204 - Acting I for Non-Majors (3)**

A studio/performance-oriented course that introduces the beginning student to the craft of acting. Teaches basic stage technique and develops skills of relaxation, observation and concentration using exercises, improvisation, monologues and scene work. Open to all non-THR/MTR students.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **THR 214 - Fine Arts and Brain Compatible Learning Environments (4)**

For education majors only. Students will explore how the fine and performing arts can be a cornerstone for meaningful teaching and learning, and will discover the various ways in which learning environments are conducive to optimal brain functions. Learners will also expand their personal connection to, and involvement with, the fine and performing arts.

Distribution: (HFA). Offered: Varies when offered.

#### **THR 235 - Censorship vs. Free Expression: Mapping the Battle between Moralists and Performing Artists (4)**

Today there is greater access to art and ideas-via television, film, CD, DVD, and internet-then at any time in history. This course is designed to help students think critically about some of the issues regarding censorship and suppression of artistic expression in present and past societies. Students will attempt to respond to the conflicting perspectives that exist in any passionate debate about what is good and what is just for society.

Distribution: (HFA). Offered: Varies when offered.

#### **THR 240 - Theatre Participation (0-1)**

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in musical theatre or theatre. May be repeated for credit.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **THR 241 - Musical Participation (0-1)**

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in musical theatre or theatre. May be repeated for credit.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **THR 242 - Cabaret Participation (0-1)**

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in musical theatre or theatre. May be repeated for credit.

Distribution: (A) (HFA). Offered: spring semester.

#### **THR 243 - Studio Theatre Participation (0-1)**

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in musical theatre or theatre. May be repeated for credit.

Distribution: (A) (HFA/ST). Offered: fall semester.

#### **THR 244 - Logos: Spoken Word Performance Ensemble (0-1)**

Students will audition for, rehearse, and perform a one-to-two-hour theatrical production where the text is comprised of some work or works of literature — verse or prose. May be used to fulfill performance credit requirement for the major in theatre. Requires audition and/or interview. May be repeated for credit.

Distribution: (A) (HFA/ST). Offered: Varies when offered.

#### **THR 245 - Technical Theatre (1)**

Provides practical onstage and backstage experience. May be repeated for credit. Required for the major in musical theatre and theatre.

Distribution: (A) (HFA). Offered: fall and spring semesters.

#### **THR 246 - Stage Management and Design (1)**

Provides experience and the skills/techniques of stage management for the theatre. Students will also learn about the basic principles of design for production. Required for the major in theatre.

Distribution: (A) (HFA). Prerequisite: THR 245. Offered: spring semester.

#### **THR 253 - Survey of World Theatre (4)**

Introduces students to the art of theatre as it evolved from ancient Greece to Elizabethan England. Surveys the aesthetics of theatre, plays written for the stage, and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at University Theatre productions.

Distribution: (A) (HFA) (W). Offered: fall semester.

#### **THR 254 - Survey of World Theatre II (4)**

Introduces the student to the art of theatre as it evolved from the 17th century. Includes study in the traditional non-Western dramatic forms of the orient. Surveys the aesthetics of theatre, plays written for the stage, and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at University Theatre productions.

Distribution: (A) (HFA) (IG) (NW) (W). Offered: spring semester.

#### **THR 260 - Creative Dramatics (3)**

This studio/performance course is designed to expand your experience in and your knowledge of the various approaches, techniques and skills associated with structured but informal drama experiences called Creative Drama. Through readings, in-class activities, discussion, lesson planning, in-class teaching, performances and written reflection, you will have the opportunity to develop a practical understanding of how creative drama group work is used with all levels and ages of participants in a wide variety of contexts.

Distribution: (A) (HFA/ST). Offered: fall and spring semesters.

#### **THR 270 - Theatre of Resistance: Performance for Political Change (4)**

Theatre has long been used as a tool to affect political and social change. Students will examine recent American plays that persuade spectators to mobilize and agitate for change. The course will culminate in an experiential learning activity in which the students will create and perform theatre pieces in public, on-campus settings.

Distribution: (A) (HFA). Offered: Offered as needed.

#### **THR 275 - The Dangerous Stage: Performance as Revolution (3)**

This course explores the ways in which theatre has historically been used to advance political and social change. A range of plays will be studied for their revolutionary effect, starting with the ancient Greek tragedy and ending with contemporary American drama. We may attend performances of socially significant plays in the Tampa Bay area. Also, theatre

companies that seek to challenge authority and who are denied equal voice in their communities will be examined. The course will culminate in an experiential learning activity in which students will create and perform theatre pieces in public, on-campus settings.

Distribution: (A)(HFA)(IG). Offered: Varies when offered.

#### **THR 282 - Modern Drama (4)**

Studies include survey of modern drama (Ibsen to the present), contemporary British drama, contemporary American drama, or modern Continental drama. May be repeated if content varies. Open to all students.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

#### **THR 298 - Creativity and the Learning Environment (3)**

Investigates and applies strategies for developing both hemispheres of the brain. Develops a creative, centered lifestyle that includes daily disciplined activity to enhance overall mental, physical, emotional and spiritual health. Classroom activities include discussion, review of assignments, exploration of models for lifelong vitality, and creative activities related to art, theatre, dance, music, storytelling and writing. Activities include attendance at theatrical and arts-related events.

Distribution: (HFA). Offered: Varies when offered.

#### **THR 301 - Acting III for Majors (3)**

An advanced studio/performance-oriented course that continues the skills gained in THR 201 and 202. Emphasis is on scene work utilizing techniques for finding and playing intentions, connecting action with others, and developing strong and realistic characters and relationships.

Distribution: (A) (HFA/ST). Offered: spring semester.

#### **THR 302 - Career Development for the Actor (3)**

A practicum course for theatre majors with a focus on audition preparation and performance, and the business techniques required to market oneself for a career in the Theatre.

Distribution: (A) (HFA/ST). Offered: fall semester.

#### **THR 303 - Seminar in Public Performance (0-4)**

Seminar course that provides guided study and rehearsal in such areas as oral interpretation, readers' theater, public speaking and acting. Project-oriented course involves public performances and critiques.

Distribution: (A) (HFA). Prerequisite: 8 or more hours of theatre and/or speech courses, or consent of instructor. Offered: Offered as needed.

#### **THR 304 - Acting II for Non-Majors (3)**

This studio/performance-oriented course provides continued training for students with basic understanding of the craft of acting. Courses emphasis is on monologue and/or scene preparation and performance. Open to all non-THR/MTR students.



Distribution: (A) (HFA/ST). Prerequisite: THR 204 or consent of the instructor. Offered: Varies when offered.

### **THR 308 - Development of Musical Theatre (3)**

Students study significant developments in the history of musical theatre as a distinct art form, including the artists who contributed to musical theatre and significant works from the repertory. May not be repeated for credit.

Distribution: (A) (HFA). Offered: spring semester.

### **THR 309 - Advanced Drama (4)**

Studies include Elizabethan, Restoration or contemporary drama. May be repeated if content varies.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101 and 201. Offered: Offered as needed.

### **THR 315 - Advanced Acting Workshop (3)**

A studio/performance-oriented course designed to enhance previously acquired acting skills via intensive study, demonstration and observation of the physicalization of emotion and text, in-class exercises, and instruction. The study of advanced methods of acting techniques are examined through scene study, dramatic interpretation and analysis, as well as monologue preparation and performance.

Distribution: (A). Prerequisite: THR 301 or consent of instructor. Offered: Varies when offered.

### **THR 320 - Play Analysis (4)**

Course emphasis is on play analysis that addresses structure, plot and theme, interpretation, application of director concept, theatrical convention and production technique. Students are required to create a directorial study/analysis of a specific play. Required for the major in musical theatre and theatre.

Distribution: (A) (HFA) (W). Offered: fall semester or as needed.

### **THR 330 - Special Topics in Theatre (2-4)**

Offers instruction and experiences in specialized theatrical-related courses such as Theatre Styles, Stage Makeup, Stage Costuming, Non-Western Theatre, Beginnings of Realism and Performance Arts.

Distribution: (HFA). Offered: Offered as needed.

### **THR 401 - Acting Shakespeare (3)**

A studio/performance-oriented acting course that provides for training, analysis and experience with the performance of the works of Shakespeare and his contemporaries. Emphases are on acting techniques, monologue presentation, and scene study performance.

Distribution: (A) (HFA/ST). Offered: fall semester.

### **THR 402 - Advanced Acting Styles (3)**

An advanced studio performance-oriented course that provides exercises and performance techniques with a focus on historical periods and performance. Emphases include research of the period, manners and conventions, language and physicality.

Distribution: (A) (HFA/ST). Offered: spring semester.

### **THR 420 - Survey of Dramatic Literature (4)**

This intensive survey course requires students to engage in deep critical engagement with recognized masterworks of the contemporary stage, to examine the history of their significant productions, to analyze the socio-political and cultural contexts that contributed to their literary creation and their staged interpretations. The course employs a dramaturgical approach to uncovering evolving theories of and ways of thinking about theatre.

Distribution: (A) (HFA). Prerequisite: THR 320 or consent of instructor. Offered: Varies when offered.

### **THR 425 - Directing (3)**

Studies the basic tasks of the director: play selection, analysis, casting, rehearsing and mounting the production. Each student is responsible for directing the performance of a one-act play or equivalent dramatic scene.

Distribution: (A) (HFA) (W). Prerequisite: THR 320 or consent of the instructor. Offered: Offered as needed.

### **THR 448 - Theatre Senior Capstone Project (1)**

A studio/performance course designed for graduating students with a major in theatre, and intended to demonstrate their development as performers and theatre artists. In this course students will devise and present a group capstone project as a showcase of their skills and performance abilities for industry professionals. This capstone project serves as a means for career development. All theatre majors will be required to enroll in this course for the completion of their program of study.

Distribution: (HFA/ST). Offered: fall semester.

## **WRI - Writing**

### **WRI 200 - Introduction to Creative Writing (4)**

An introduction to the forms and techniques of creative writing, with opportunities to write poetry, fiction, or creative non-fiction.

Distribution: (A) (HFA). Offered: Fall, spring and summer semesters.

### **WRI 210 - Writing as a Means of Self-Discovery (4)**

A beginning creative writing course that employs intensive exercises in self-discovery as preparation for writing stories, poems or plays that authentically convey emotion. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Offered: Varies when offered.

### **WRI 212 - Memoir and Autobiography (4)**

In this course students both study and practice the literary genre of memoir/autobiography. Students will read and analyze outstanding examples of this genre, learn narrative writing techniques, and then write their own substantial autobiographical narratives.

Distribution: (HFA). Prerequisite: AWR 101 and AWR 201.

#### **WRI 220 - Digital Writing and Culture (4)**

The course examines the many types and uses of digital writing from a rhetorical (that is, audience- and purpose-oriented) perspective. Students will be asked to research, reflect on, and compose in multiple digital genres, including blogs, social networking environments, wikis, content management systems, and standalone websites.

Distribution: (HFA) (W).

#### **WRI 230 - Special Topics (1-4)**

A study of one or more specialized writing genres and/or techniques. Topics may include science fiction and fantasy writing, autobiography, persuasive writing, critical reviews, travel writing, science writing, photojournalism, unblocking writer's block and writing for the stage. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (HFA) (W).

#### **WRI 240 - Writing Drama (4)**

An introduction to the techniques of writing stage and television scripts. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W).

#### **WRI 242 - Introduction to Publication Editing and Design (4)**

This course introduces students to publication and editing techniques used in print and online publications. Course content will cover publication design, editing, following a style guide, use of images and text, ethical issues, publication management, and various technologies used in the publishing industry.

Prerequisite: AWR 101 and AWR 201.

#### **WRI 245 - Yearbook Publication (2)**

Yearbook design and production. Students will learn to write and edit copy, take and crop digital photographs, use software specific to yearbook production, and manage business aspects of publishing a yearbook. Not recommended for first-semester freshmen. May be repeated for a maximum of 8 credits. Up to 4 credits may be applied to the writing major.

Offered: Fall and spring semesters.

#### **WRI 247 - Dramatic Writing for Radio and Alternative Performance (4)**

A writing workshop devoted to nontraditional dramatic works such as radio drama and spoken-word performance. Students listen to, read and critique monologues and dialogues, as well as write and perform. May not be used to satisfy general distribution requirements.

Distribution: (W).

#### **WRI 250 - Poetry Writing I (4)**

Poetry writing and reading of related works. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Offered: Fall and spring semesters.

#### **WRI 260 - Fiction Writing I (4)**

Techniques of writing imaginative fiction. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Offered: Every year.

#### **WRI 274 - Creative Nonfiction (4)**

A workshop devoted to the writing and reading of creative (literary) nonfiction (i.e., literary journalism, memoir, the personal essay, travel writing, biography) - prose engaged in the rendering of fact, but employing the formal techniques and styles of fiction and other types of imaginative writing. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Offered: Every year.

#### **WRI 281 - Technical Writing (4)**

Involves guided practice in the major forms of technical communication (e.g., instructions, scientific descriptions, proposals, and reports) for successful writing on the job. The course may include opportunities to develop projects for clients or community partners.

Distribution: (W). Prerequisite: AWR 101. Offered: Every year.

#### **WRI 350 - Poetic Forms (4)**

This course is designed to introduce poets to questions of poetic form, the prime physical and emotional constituent of poetic meaning. We will build on our knowledge of basic elements of writing and reading poetry and enhance our understanding of poetry by studying forms in all its contexts. Students will engage in close readings of poems as well as critical analysis about poetics.

Distribution: (A) (HFA) (W). Prerequisite: AWR 101, AWR 201 and WRI 250.

#### **WRI 351 - Poetry Writing II (4)**

Advanced poetry writing and reading of related works. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Prerequisite: WRI 250 or WRI 350, or consent of instructor. Offered: Every year.

#### **WRI 352 - Special Topics in Writing (1-4)**

Advanced study of one or more specialized writing genres and/or techniques. Topics may vary but may include new journalism, memoir and biography, advanced editorial practice, and other creative and professional writing topics.

Prerequisite: 8 credit hours of WRI or consent of instructor.

#### **WRI 361 - Fiction Writing II (4)**

Advanced techniques for writing imaginative fiction. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Prerequisite: WRI 260, or consent of instructor. Offered: Every year.

#### **WRI 362 - Multigenre Creative Writing Seminar (4)**

A workshop/seminar for advanced creative writing students involving prose, poetry, and experimental forms; reading work aloud; and publication of work. May be repeated for additional WRI credit if content varies and with permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Prerequisite: One of the following: WRI 247, WRI 250, WRI 260 or WRI 274, or consent of instructor.

#### **WRI 365 - Fiction Forms (4)**

A studio writing course introducing students to a variety of recognized structural elements used in literary narrative, from classic and historical to contemporary. Readings include fiction, critical background, and commentary on the uses of forms for practical purposes. Students write an array of assignments in selected forms.

Distribution: (A) (HFA/ST) (W). Prerequisite: AWR 101 and AWR 201 and either WRI 200 or WRI 260 or permission of the instructor.

#### **WRI 374 - Narrative Nonfiction (4)**

In this upper-level workshop students study and practice telling compelling true stories. (Writing about others is emphasized, rather than memoir.) Elements of this craft include reporting and research, as well as narrative techniques: creating scenes, rendering dimensional characters, writing with voice and vivid description, and choosing the right story structure. Readings, contemporary and classic, vary in length from magazine articles to books. Shorter writing assignments build to the final project: a substantial (25- to 30-page) nonfiction narrative.

Distribution: (W). Prerequisite: AWR 101 and AWR 201 or permission of instructor.

#### **WRI 376 - Advanced Publication Practicum (4)**

In this class, students will design, lay out, and copyedit a publication for the University of Tampa Press.

#### **WRI 381 - Professional Editing (4)**

The purpose of this course is to introduce the principles of comprehensive editing and basic copy editing. The comprehensive editing level involves higher-order issues, such as reasoning and evidence, organization, visual design, style and use of illustrations. Basic copy editing is the final editing level, covering consistency, grammar and usage, and punctuation, for example.

Prerequisite: AWR 101 and AWR 201, or permission of instructor.

#### **WRI 385 - Visual Rhetoric and Design (4)**

This course introduces students to a variety of approaches for designing print and digital texts through the application of rhetorical and design principles. This course consists of lessons in design philosophies and techniques, tutorials in using design software, and hands-on application while developing texts for public audiences. The course may include opportunities to develop creative projects for professional clients.

Distribution: (A)(HFA).

#### **WRI 450 - Seminar in Poetry Writing (4)**

Advanced training in poetry writing, as well as directed reading and discussion of modern poetry. May be used to satisfy general distribution requirements if not used for the writing major. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor.

Distribution: (A) (HFA). Prerequisite: One of WRI 250 or WRI 351, or consent of instructor. Offered: Every other year.

#### **WRI 456 - Directed Poetry Writing (1-4)**

Individual advanced training and supervision of poetry writing. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (HFA). Prerequisite: WRI 450 or consent of instructor.

#### **WRI 460 - Seminar in Fiction Writing (4)**

Involves advanced training in fiction writing, as well as directed reading and discussion of modern fiction. May be repeated for additional WRI credit with a change of instructor and with portfolio by permission of instructor. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (A) (HFA) (W). Prerequisite: WRI 260 or WRI 361, or consent of instructor. Offered: Every other year.

#### **WRI 465 - Directed Fiction Writing (1-4)**

Involves individual advanced training and supervision of fiction writing. May be used to satisfy general distribution requirements if not used for the writing major.

Distribution: (HFA). Prerequisite: WRI 460 or consent of instructor.

**WRI 470 - Topics in Nonfiction (4)**

This course will develop writing, editing, and reading skills. Students will hone the art of nonfiction narrative while minimizing distortion or misrepresentation. Students will learn to identify strengths and weaknesses in their own writing and in other writing. Students will learn to recognize the importance of truth and reportorial techniques that characterize nonfiction.

Distribution: (HFA). Prerequisite: One of the following: WRI 274, WRI 351, WRI 361, or WRI 362.

**WRI 485 - Directed Professional Writing (1-4)**

Involves advanced training in professional writing on the job or for freelance markets, with emphases on flexibility and practicality of topic and style. May not be used to satisfy general distribution requirements.

**WRI 490 - Writing Internship (1-10)**

Open only to juniors and seniors. An internship that involves closely supervised on-the-job training in career writing. May be repeated for a maximum of 10 semester hours of credit, four of which may count toward the writing major. Students must apply for the internship one semester in advance. May not be used to satisfy general distribution requirements.

Prerequisite: 3.0 GPA or higher and consent of faculty adviser and department chair. Offered: Offered as needed; dept. approval required.

**WRI 499 - Writing Thesis (4)**

Students will produce an advanced creative writing project in their chosen genre.

Distribution: (HFA). Prerequisite: LIT 120, WRI 200, ENG 305, and one WRI sequence.

**WST - Women's and Gender Studies****WST 125 - Introduction to Women's Studies (4)**

This course is an introduction to the ways in which gender shapes interpersonal relationships, our personal knowledge, society in general and various institutions within society. Through an interdisciplinary approach, students will explore, understand and celebrate the diversity of women's experiences and achievements.

Distribution: (HFA). Offered: fall semester.

**WST 290 - Special Topics (4)**

A study of women's and gender issues and topics from a variety of disciplines, aspects and approaches. May be repeated if content varies.

Distribution: (HFA). Offered: Varies when offered.

**WST 360 - Special Topics**

An advanced study of women's and gender issues and topics from a variety of disciplines, aspects and approaches. May be repeated if content varies.

Offered: Varies when offered.

**WST 383 - Women's Studies (4)**

An overview of women's studies that examines the pervasive and often unacknowledged ways that gender

shapes our social institutions, individual knowledge and interpersonal relationships. Includes history, literature and film by and about women.

Distribution: (W) (SS). Offered: spring semester.

# Academic Calendar

## *2022-2023 University Year*

### Fall Semester 2022

Apr. 4-Aug. 26	Fall registration.	Oct. 26, Wednesday	Deadline for graduation candidate names to appear in the December Commencement program.
Aug. 24-25, Wednesday-Thursday	Residence hall check-in for new international students (by appointment).	Oct. 31, Monday	Registration for spring begins for continuing students.
Aug. 24-26, Wednesday-Friday	Residence hall check-in for new students (by appointment).	Oct. 31, Monday	Last day for federal financial aid return of funds.
Aug. 24-28, Wednesday-Sunday	Residence hall check-in for continuing students (by appointment).	Nov. 1, Tuesday	Last day to withdraw from second 7-week classes with 50% tuition and fee credit (fees non-refundable).
Aug. 25-26, Thursday-Friday	Final registration and payment.	Nov. 7, Monday	Last day to withdraw from 14-week classes.
Aug. 29, Monday	Classes begin.	Nov. 15, Tuesday	Last day to withdraw from second 7-week classes.
Sept. 4, Sunday	Deadline to drop/add classes with 100% tuition credit Last day to declare pass/fail or audit.	Nov. 23-Nov. 27, Wednesday-Sunday	Thanksgiving vacation (begins after last evening class on Tuesday, Nov. 22).
Sept. 5, Monday	Schedule change fee (\$30) instituted; withdrawals ("W") appear on transcript.	Nov. 28, Monday	Classes resume.
Sept. 5, Monday	No classes, Labor Day.	Dec. 10, Saturday	Last day of classes.
Sept. 16, Friday	Last day to withdraw from 7- and 14-week classes with 50% tuition credit (fees non-refundable).	Dec. 12-Dec. 15, Monday-Thursday	Final exams.
Sept. 27, Tuesday	Last day to withdraw from first 7-week classes.	Dec. 15, Thursday	Semester ends.
Oct. 17, Monday	Spring and Summer incomplete ("I") grades not resolved become "F"s.	Dec. 16, Friday	Commencement.
Oct. 17, Monday	First 7-week classes end.	Dec. 16, Friday	Residence halls close for students except graduating seniors, 11 a.m.
Oct. 19, Wednesday	Second 7-week classes begin.	Dec. 17, Saturday	Residence halls close for graduating seniors, 11 a.m.
Oct. 25, Tuesday	Last day to add and drop second 7-week classes with 100% tuition and fee credit. Last day to declare pass/fail or audit for second 7-week classes.	Dec. 19, Monday	Fall semester final grades are due from faculty before midnight.
		<b>Winter Intersession 2023</b>	
		Jan. 3, Tuesday	Classes begin.

Jan. 4, Wednesday	Last day to add or drop classes with 100% tuition credit.	March 14, Tuesday	Second 7-week classes begin.
Jan. 5, Thursday	Schedule change fee (\$30) instituted; "W" on transcript.	March 20, Monday	Last day to drop/add second 7-week classes at 100% tuition credit. Last day to declare pass/fail or audit for second 7-week classes.
Jan. 9, Monday	Last day to withdraw from classes.		
Jan. 13, Friday	Classes end.	March 24, Friday	Deadline for graduation candidate names to appear in the May Commencement program.
Jan. 16, Monday	Winter final grades are due from faculty before midnight.		
<b>Spring Semester 2023</b>			
Jan. 12, Thursday	Residence hall check-in for new international students.	March 27, Monday	Last day to withdraw from 14-week classes. Last day for 50% tuition credit on second 7-week classes.
Jan. 12, Thursday	Final registration and payment.	March 27, Monday	Last day for federal financial aid return of funds.
Jan. 13, Friday	Residence hall check-in for new students.	April 3, Monday	Registration begins for fall continuing students.
Jan. 14, Saturday	Residence hall check-in for continuing students.	April 10, Monday	Last day to withdraw from second 7-week classes.
Jan. 16, Monday	No classes, Dr. Martin Luther King Jr. Holiday.	May 1, Monday	Last day of classes.
Jan. 17, Tuesday	Classes begin.	May 2-5, Tuesday-Friday	Final exams.
Jan. 23, Monday	Deadline to drop/add classes with 100% tuition credit. Last day to add or to declare pass/fail or audit.	May 5, Friday	Semester ends.
Jan. 24, Tuesday	Schedule change fee (\$30) instituted; withdrawals ("W") appear on transcript.	May 6, Saturday	Commencement.
Feb. 6, Monday	Last day to withdraw from 14-week classes with 50% tuition credit (fees non-refundable).	May 6, Saturday	Residence halls close for all students except graduating seniors, 11 a.m.
Feb. 20, Monday	Last day to withdraw from first 7-week classes.	May 7, Sunday	Residence halls close for graduating seniors, 11 a.m.
Feb. 27, Monday	Registration for summer begins.	May 8, Monday	Spring semester final grades are due by faculty before midnight.
March 5-12, Sunday-Sunday	Spring break (begins after last class on Saturday, March 4).	<b>May Term 2023</b>	
March 13, Monday	First 7-week classes end.	May 5, Friday	Last day to add classes, 3 p.m.
March 13, Monday	Fall and Winter Intersession incomplete "I" grades not resolved become "F"s.	May 8, Monday	Classes begin.
		May 9, Tuesday	Last day to drop classes with 100% tuition credit.

May 10, Wednesday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
May 15, Monday	Last day to withdraw from classes.
May 19, Friday	Classes end.
May 22, Monday	Final grades are due by faculty before midnight.

May 30, Tuesday	Last day to withdraw from classes with 50% tuition credit (fees non-refundable).
June 2, Friday	Monday classes meet to make up for Memorial Day holiday.
June 19, Monday	Last day to withdraw from classes.
July 1, Saturday	Classes end.
July 3, Monday	Final grades are due from faculty before midnight.

### Summer Executive Business Term 2023

May 13, Saturday	Classes begin.
May 18, Thursday	Last day to add or drop classes with 100% tuition credit.
May 19, Friday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
June 1, Thursday	Last day to withdraw with 50% tuition credit.
July 1, Saturday	Last day to withdraw from classes.
Aug. 5, Saturday	Last day of term.
Aug. 14, Monday	Final grades are due from faculty before midnight.

### Summer 1st 6 Weeks 2023

May 18, Thursday	Final registration and final payment for all students.
May 22, Monday	Classes begin.
May 24, Wednesday	Last day to add or drop classes with 100% tuition credit. Last day to declare pass/fail or audit.
May 25, Thursday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
May 29, Monday	No classes, Memorial Day.

### Summer 2nd 6 Weeks 2023

June 29, Thursday	Final registration and final payment for all students.
July 3, Monday	Classes begin.
July 4, Tuesday	No classes - Holiday.
July 6, Thursday	Last day to add or drop classes with 100% tuition credit.
July 7, Friday	Tuesday classes meet to make up for July 4th holiday.
July 7, Friday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
July 10, Monday	Last day to withdraw from classes with 50% tuition credit (fees nonrefundable).
July 31, Monday	Last day to withdraw from classes.
Aug. 12, Saturday	Classes end. Degree conferral.
Aug. 14, Monday	Final grades are due from faculty before midnight.

### Summer Term 2023

May 18, Thursday	Final registration and final payment for all students.
May 22, Monday	Classes begin.
May 29, Monday	No classes, Memorial Day.
May 30, Tuesday	Last day to add or drop classes with 100% tuition credit.

May 31, Wednesday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
June 2, Friday	Monday classes meet to make up for Memorial Day holiday.
June 12, Monday	Last day to withdraw from classes with 50% tuition credit (fees nonrefundable).
July 17, Monday	Last day to withdraw from classes.
Aug. 12, Saturday	Classes end. Degree conferral.
Aug. 14, Monday	Final grades are due from faculty before midnight.

## Summer Graduate Education Term 2023

June 5, Monday	Classes begin.
June 7, Wednesday	Last day to drop summer graduate education courses with 100% tuition credit for courses meeting week one. Subsequent weeks will have the option to drop with 100% tuition credit on the deadline of the Tuesday of the week the course is meeting.
June 8, Thursday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
July 5, Wednesday	Last day to withdraw.
July 29, Saturday	Last day of term.
July 31, Monday	Final grades are due from faculty before midnight.

## Nonprofit Management Academic Calendar

### *Nonprofit Management Fall Term 2022*

Aug. 3, Wednesday	Classes begin.
Aug. 4, Thursday	Last day to drop classes with 100% tuition credit.
Aug. 5, Friday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.

Sept. 16, Friday	Last day to withdraw.
Oct. 18, Tuesday	Last day of term.
Oct. 24, Monday	Final grades due from faculty before midnight.

### *Nonprofit Management Spring Term 2023*

Jan. 4, Wednesday	Classes begin.
Jan. 5, Thursday	Last day to drop classes with 100% tuition credit.
Jan. 6, Friday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
Feb. 17, Friday	Last day to withdraw.
Mar. 21, Tuesday	Last day of term.
Mar. 27, Monday	Final grades due from faculty before midnight.

### *Nonprofit Management Summer Term 2023*

May 10, Wednesday	Classes begin.
May 11, Thursday	Last day to drop classes with 100% tuition credit.
May 12, Friday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
June 23, Friday	Last day to withdraw.
July 25, Tuesday	Last day of term.
July 31, Monday	Final grades due from faculty before midnight.

## Physician Assistant Medicine Academic Calendar

### *Physician Assistant Medicine Fall Term 2022*

Aug. 22, Monday	Classes begin.
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Aug. 29, Monday	Last day to drop classes with 100% tuition credit.	May 15, Monday	Last day to drop classes with 100% tuition credit.
Sept. 5, Monday	No classes, Labor Day.	May 16, Tuesday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
Sept. 6, Tuesday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.	July 3-July 7, Monday-Friday	PA Program Summer Break.
Oct. 31, Monday	Last day to withdraw.	July 10, Monday	Last day to withdraw.
Nov. 24-25, Thursday-Friday	PA Program Thanksgiving Break.	Aug. 18, Friday	Last day of term.
Dec. 16, Friday	Last day of term.	Aug. 21, Monday	Final grades due from faculty before midnight.
Dec. 19, Monday	Final grades due from faculty before midnight.		

*Physician Assistant Medicine Spring Term 2023*

Jan. 2, Monday	Classes begin.
Jan. 9, Monday	Last day to drop classes with 100% tuition credit.
Jan. 10, Tuesday	Schedule change fee (\$30) instituted for withdrawing; withdrawals ("W") appear on transcript.
Jan. 16, Monday	No classes, Dr. Martin Luther King Jr., Day.
Mar. 13-17, Monday-Friday	PA Program Spring Break.
Mar. 20, Monday	Last day to withdraw.
May 5, Friday	Last day of term.
May 8, Monday	Final grades due from faculty before midnight.

*Physician Assistant Medicine Summer Term 2023*

May 8, Monday	Classes begin.
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# College of Arts and Letters

The College of Arts and Letters is a place where theory meets practice and expression meets experience. Guided by faculty who are talented artists and distinguished scholars, students come to CAL to study everything from fleeting 140-character tweets to enduring works of classic literature. The College is home to eight collaborative and innovative academic departments: Art and Design, Communication, English and Writing, Film, Animation and New Media, Languages and Linguistics, Music, Philosophy and Religion, and Theatre and Dance.

As a community of scholars and artists, the College of Arts and Letters engages in cutting-edge creative work, technological innovation, critical scholarly practice, and engagement with diverse communities. Collectively we affirm the value and importance of the arts and humanities in contributing to a more rewarding and just life. The eight academic departments of the College of Arts and Letters value theory, practice, and cultural and historical awareness. We encourage students, staff and faculty to be creative, innovative, and discerning. In classrooms, studios, laboratories and venues across campus and across the globe, students and faculty work collaboratively to become effective communicators, ethical decision-makers, and expressive meaning-makers who embody thought in action.

## Department of Art and Design

**Faculty:** Professor Valle, Chair; Associate Professor Frorup; Assistant Professors: Aelavanthara, Evans, Magnusen, McCullough, Modder, Scarce, Wolff, Willard; Assistant Teaching Professors: Gassett, Haddad, Trentinella; Lecturers: Boigenzahn, George, Ingold, Quintana

The art program at The University of Tampa is a challenging course of study and practice built upon fundamental principles designed to develop students' technical skills, advance visual literacy, stimulate intellectual curiosity, sharpen aesthetic conceptualization and expand one's ability to think critically.

Students enter the program as Bachelor of Visual Arts (B.A.) or pre-Bachelor of Fine Arts (BFA) majors, where they join other like-minded artists enrolled in a demanding Foundations Program. Regardless of their intended area of concentration, the foundation coursework explores the principles upon which all further coursework is grounded. Next, students are exposed to the Studio Core that introduces them to the major media (drawing, painting, ceramics, sculpture, printmaking, photography).

What is the difference between the B.A. and BFA?

The B.A. is designed to expose students to a demanding but more broadly based curriculum in visual arts with a secondary area of concentrated study. As a traditional liberal arts degree, the B.A. affords students the ability to complement their artistic education with an additional concentration in business, social or natural sciences, humanities or other fine arts disciplines and areas of specialization.

The BFA is a professionally oriented degree that provides comprehensive and rigorous training in visual concept development and professional studio practice. For completion of the BFA degree, students are required to take purposefully sequenced upper-level studio courses culminating in the production of a mature, cohesive body of work showcased in a culminating senior exhibition. Special emphasis is given to helping students develop long-range professional goals through art practicums and service-learning experiences. Students pursuing a professional career in art and design or advanced studies (Master of Fine Arts) normally select the BFA, as it is often considered the foundation of graduate-level work.

The BFA is a highly selective, invitation-only degree program. Students can declare a BFA degree when they enter UT. It is listed as "Pre-BFA in Art" until they are deemed "BFA Proficient" during the portfolio review in ART 299. After the review has been completed, the department chair provides students with a letter describing their assessment and recommending a degree path for their success. If students are endorsed for the BFA, the registrar will be notified and "BFA Proficient" will be recorded on their transcript. Students must have this proficiency to graduate with a BFA in Art or Graphic Design.

## *Art*

### *Bachelor of Fine Arts in Art*

The BFA in Art is an intensive, professionally oriented, studio-based program with a commitment to developing a broad base of knowledge that is rooted in interdisciplinary theory and practice. Emphasis is placed on educating students for work in the field and/or advanced graduate-level study. The program provides essential skills, critical thinking strategies and technological innovation necessary for students to develop as visual arts professionals. Expression, exploration and experimentation are encouraged while refining technical and conceptual skills.

Our students prepare for entry into the degree-track during the Foundations Program and Studio Core, which, upon completion, culminates in the Junior Review, where faculty review their skill acquisition level and accomplishments. Students earning a "B" or higher in the Junior Portfolio Review are invited to

pursue the professionally focused BFA degree. Students then complete advanced-level work in an area of emphasis in one of the following: ceramics, drawing, painting, photography, printmaking or sculpture.

This program is by invitation only. Students must earn a "B" or higher in ART 299 Junior Portfolio Review in order to graduate with a BFA in Art.

### Degree Requirements

#### Foundations

ART 102	Foundations: Drawing	4
ART 103	Foundations: Materials & Methods	2
ART 104	Foundations: 2-D Design	4
ART 105	Foundations: 3-D Design	4
ART 110	Foundations: Digital Arts	4

**Subtotal: 18**

#### Studio Core (Any four of the following five groups)

##### ONE of the following drawing courses:

ART 209	Figure Drawing	4
ART 304	Experimental Drawing I	4

##### ONE of the following 3-D courses:

ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4

##### ONE of the following painting courses:

ART 201	Introduction to Painting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4

##### ONE of the following photography courses:

ART 208	Darkroom Photography	4
ART 218	Digital Photography	4

##### ONE of the following printmaking courses:

ART 231	Relief Printmaking	4
ART 232	Intaglio Printmaking	4
ART 233	Experimental Printmaking	4
ART 234	Digital Printmaking	4
ART 235	Screenprinting	4

Subtotal: 16

#### Concentration-Area of Emphasis

Must complete twelve credits at the 300/400-level from ONE of the following areas:

##### Drawing: twelve credits from the following:

ART 304	Experimental Drawing I	4
ART 349	Figure Drawing II	4
ART 413	Experimental Drawing II	4
ART 401	Special Projects	1-6

##### Painting: twelve credits from the following:

ART 350	Figure Painting I	4
ART 351	Mixed Media Painting II	4
ART 352	Experimental Painting II	4
ART 355	Figure Painting II	4
ART 401	Special Projects	1-6

##### Photography: twelve credits from the following:

ART 308	Digital Photography II	4
ART 327	Studio Lighting I	4
ART 328	Experimental Photography I	4
ART 401	Special Projects	1-6
ART 427	Studio Lighting II	4
ART 428	Experimental Photography II	4

##### Printmaking: twelve credits from the following:

ART 341	Relief Printmaking II	4
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ART 342	Intaglio Printmaking II	4
ART 365	Screenprinting II	4
ART 401	Special Projects	1-6

##### Sculpture: twelve credits from the following:

ART 361	Sculpture Mold-Making and Casting II	4
ART 362	Experimental Sculpture II	4
ART 461	Sculpture Mold-Making and Casting III	4
ART 462	Experimental Sculpture III	4
ART 401	Special Projects	1-6

Total Area of Emphasis: 12

##### Seminar, Review and Capstone

ART 298	Professional Seminar	2
ART 299	Junior Portfolio Review	0
ART 498	BFA Capstone and Exhibit	4

**Subtotal: 6**

#### Art Studio Electives

Must complete eighteen credits in studio art (in addition to coursework in Foundations, Studio Core, Area of Emphasis, Art History, and ART 498).

**Subtotal: 18**

#### History/Theory

ART 357	Modern Art	4
ART 423	Contemporary Art	4

##### ONE of the following Art History electives:

ART 225	Art History Methods & Inquiry	4
ART 268	History Survey I	4
ART 269	History Survey II	4
ART 271	Pre-Columbian	4
ART 282	Survey of Non-Western Art	4
ART 324	Greco-Roman, Medieval, and Renaissance Art	4
ART 325	Art Across 15th through 18th Century	4
ART 425	Art Theory and Criticism	4

**Subtotal: 12**

#### Total Credit Hours: 82

A minimum "C" must be earned in all major coursework.

### Bachelor of Arts in Visual Arts

The B.A. in Visual Arts is designed to allow the greatest flexibility in customizing the degree program to meet individual goals and interests. Students choose from a broad based interdisciplinary track or a focus in a particular medium. Course offerings emphasize the analysis and articulation of visual concepts and processes as they relate to a broader education in the humanities and sciences. The program encourages students to consider a double major to complement their artistic education with additional study in business, museum studies, psychology, humanities or other fine arts disciplines. It provides students the opportunity to cultivate their creativity while developing marketable skills to prepare students for advanced study in art, or professions in which an understanding of art, aesthetics, and visual design is important.

*Degree Requirements*

**Foundations**

TWO of the following:

ART 102	Foundations: Drawing	4
ART 104	Foundations: 2-D Design	4
ART 105	Foundations: 3-D Design	4
ART 110	Foundations: Digital Arts	4
		<b>Subtotal: 8</b>

**Studio Core**

THREE of the following:

**Total Credit Hours: 18**

ART 201	Introduction to Painting	4
ART 208	Darkroom Photography	4
ART 209	Figure Drawing	4
ART 218	Digital Photography	4
ART 231	Relief Printmaking	4
ART 232	Intaglio Printmaking	4
ART 233	Experimental Printmaking	4
ART 234	Digital Printmaking	4
ART 235	Screenprinting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4
ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4
ART 304	Experimental Drawing I	4
		<b>Subtotal: 12</b>

**History/Theory**

ART 423 Contemporary Art 4

**ONE of the following (Art History elective):**

ART 225	Art History Methods & Inquiry	4
ART 268	History Survey I	4
ART 271	Pre-Columbian	4
ART 282	Survey of Non-Western Art	4
ART 324	Greco-Roman, Medieval, and Renaissance Art	4
ART 325	Art Across 15th through 18th Century	4
ART 357	Modern Art	4
ART 425	Art Theory and Criticism	4
		<b>Subtotal: 8</b>

**Advanced Studio Electives**

TWO of the following:

ART 308	Digital Photography II	4
ART 327	Studio Lighting I	4
ART 328	Experimental Photography I	4
ART 341	Relief Printmaking II	4
ART 342	Intaglio Printmaking II	4
ART 349	Figure Drawing II	4
ART 350	Figure Painting I	4
ART 351	Mixed Media Painting II	4
ART 352	Experimental Painting II	4
ART 355	Figure Painting II	4

ART 361	Sculpture Mold-Making and Casting II	4
ART 362	Experimental Sculpture II	4
ART 365	Screenprinting II	4
ART 401	Special Projects	1-6
ART 413	Experimental Drawing II	4
ART 427	Studio Lighting II	4
ART 428	Experimental Photography II	4
ART 461	Sculpture Mold-Making and Casting III	4
ART 462	Experimental Sculpture III	4
ART 490	Collaboration Studio	4

**Subtotal: 8**

Subtotal: 36

**Total Credit Hours: 36**

A minimum "C" must be earned in all major coursework.

*Museum Studies*

*Bachelor of Arts in Museum Studies*

The B.A. in Museum Studies is designed to give students applied museum experience that will support their career in cultural heritage management and care, preparing students for entry-level positions as assistants in curatorial, administrative/management, exhibition design and educational positions in museums. The program allows students to acquire discipline-specific skills in organizational tasks involving specialized notions of management, event planning and art history, or focus on the operational aspects of art handling, exhibition preparation and design. Graduates of this program will have hands-on experience with routine museum tasks and collection's care and management, as well as exposure to 21st-century museum digital tools, best practices and top industry standards, rooted in practical experience with displaying, managing, researching and interpreting art objects in a museum setting.

*Degree Requirements*

**Required Courses**

ART 225	Art History Methods & Inquiry	4
ART 244	Introduction to Museum Studies	4
ART 245	Principles of Collection Management	3
ART 445	Advanced Principles of Collection Management	3
ART 466	Museum Practicum III	3
		<b>Subtotal: 17</b>

**Museum Studies Electives**

TWO of the following:

ART 266	Museum Practicum I	3
ART 345	Museum Administration	4
ART 366	Museum Practicum II	3

**Subtotal: 6-7**

**Studio Electives**

ONE of the following:

ART 201	Introduction to Painting	4
ART 218	Digital Photography	4
ART 231	Relief Printmaking	4
ART 232	Intaglio Printmaking	4
ART 233	Experimental Printmaking	4
ART 234	Digital Printmaking	4
ART 235	Screenprinting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4
ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4

**Subtotal: 4****Art History Electives**

ONE of the following:

ART 271	Pre-Columbian	4
ART 282	Survey of Non-Western Art	4

**Subtotal: 4****Advanced History/Theory**

TWO of the following courses:

ART 324	Greco-Roman, Medieval, and Renaissance Art	4
ART 325	Art Across 15th through 18th Century	4
ART 357	Modern Art	4
ART 423	Contemporary Art	4
ART 425	Art Theory and Criticism	4

**Subtotal: 8**

Subtotal: 37

**Total Credit Hours: 39-40**

A minimum "C" must be earned in all major coursework.

Students pursuing a B.A. in Museum Studies will benefit by fulfilling their General Curriculum Distribution requirements, with the following recommendations:

1. As part of the Social Science component, HIS 102, HIS 103, HIS 320, and ECO 204 are recommended.
2. As part of the Humanities/Fine Arts component, ART 104, ART 105, and ART 425 are recommended.

**Art Therapy****Bachelor of Arts in Art Therapy**

The B.A. in Art Therapy is designed to prepare students to enter an accredited master's degree program and/or explore other wellness related careers. The program emphasizes the development of studio art skills, field experiences and pre-professional studies in art therapy and in the behavioral and social sciences. Art therapy is an interdisciplinary human service profession that employs the creation of art as a means of resolving emotional conflicts and fostering self-awareness and personal growth in education, rehabilitation and psychotherapy. It incorporates psychology, art and therapeutic techniques to provide a creative alternative to conventional therapies.

To become a Registered Art Therapist, the American Art Therapy Association (AATA) has determined that

one must possess a master's degree from an AATA-accredited program. Entry into such a graduate program is normally based upon three criteria: (1) art skills evidenced by studio coursework and portfolio, (2) coursework in the behavioral sciences, particularly psychology and (3) clinical or community experience such as practicums, volunteer work or professional work in the social sciences.

**Degree Requirements****Foundations**

ART 102	Foundations: Drawing	4
ART 103	Foundations: Materials & Methods	2
ART 104	Foundations: 2-D Design	4
ART 105	Foundations: 3-D Design	4
ART 110	Foundations: Digital Arts	4

**Subtotal: 18****Studio Core****ONE of the following drawing courses:**

ART 209	Figure Drawing	4
ART 304	Experimental Drawing I	4

**ONE of the following 3-D courses:**

ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4

**ONE of the following painting courses:**

ART 201	Introduction to Painting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4

Subtotal: 12

**Advanced Studio Electives**

ONE of the following:

ART 304	Experimental Drawing I	4
ART 349	Figure Drawing II	4
ART 350	Figure Painting I	4
ART 351	Mixed Media Painting II	4
ART 352	Experimental Painting II	4
ART 355	Figure Painting II	4
ART 361	Sculpture Mold-Making and Casting II	4
ART 362	Experimental Sculpture II	4

**Subtotal: 4****Art Therapy**

ART 230	Introduction to Art Therapy	3
ART 240	Arts in Health	2
ART 330	Art Therapy with Children and Adolescents	3
ART 331	Art Therapy with Adults	3
ART 333	Applications for Health and Wellness Professions	3
ART 412	Art Therapy Practicum	3
ART 497	Art Therapy Capstone	3

**Subtotal: 20****Social Science**

SOC 100	Introduction to Sociology	4
PSY 210	Psychology of Child Development	4

PSY 231	Inquiry into Clinical and Counseling Psychology	4
PSY 303	Abnormal Psychology	4

**Subtotal: 16**

\*PSY 101 and PSY 211 are prerequisites for PSY 303.

**Total Credit Hours: 70**

A minimum "C" must be earned in all major coursework.

*Therapeutic Art Minor*

The minor in therapeutic art may be a desirable for student majoring in the helping professions such as psychology, education, sociology and nursing.

*Degree Requirements*

**Art Therapy**

ART 230	Introduction to Art Therapy	3
ART 330	Art Therapy with Children and Adolescents	3
ART 331	Art Therapy with Adults	3
ART 333	Applications for Health and Wellness Professions	3

**Subtotal: 12**

**Studio Core**

**Painting Course Electives**

	One of the following:	
ART 201	Introduction to Painting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4

**Subtotal: 4**

**Printmaking Course Electives**

	One of the following:	
ART 231	Relief Printmaking	4
ART 232	Intaglio Printmaking	4
ART 233	Experimental Printmaking	4
ART 235	Screenprinting	4

**Subtotal: 4**

**Sculpture Course Electives**

	One of the following:	
ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24**

*Graphic Design*

*Bachelor of Fine Arts in Graphic Design*

The BFA in Graphic Design is an intensive, professionally oriented, studio-based program that prepares students for entering the job market or for continuing their education at the graduate level. The program is a challenging course of study and practice built upon fundamental principles designed to develop your technical skills, advance your visual literacy, stimulate your intellectual curiosity, sharpen your aesthetic conceptualization and expand your ability to think critically. Graphic design is problem-solving through visual communication, the interaction of words

and images to inform, educate, persuade and/or advocate. Our program selectively combines elements of traditional studio instruction with design principles to create projects in branding, publication, user/consumer experience and other areas related to the field.

Development of visualization skills, creativity, conceptual thinking, compositional layout and typography form the cornerstone of the program. Each successive course builds in complexity to encompass technical, conceptual, and research challenges that culminates with upper-level courses devoted to professional practice. Historical perspectives and ethical concerns are discussed throughout the program. The program and curriculum aim to enable students to become innovative, intelligent and responsible designers that are prepared for the job market in the 21st century.

This program is invitation only; students prepare for entry into the degree-track during the Foundations Program and Studio Core, which, upon completion, culminates in the ART 299 Junior Portfolio Review, where faculty review their skill acquisition level and accomplishments. Students earning a "B" or higher in the review are invited to pursue the professionally focused BFA in Graphic Design degree.

Professional internships are available and encouraged.

*Degree Requirements*

**Foundations:**

ART 102	Foundations: Drawing	4
ART 103	Foundations: Materials & Methods	2
ART 104	Foundations: 2-D Design	4
ART 105	Foundations: 3-D Design	4
ART 110	Foundations: Digital Arts	4

**Subtotal: 18**

**Studio Core**

Four of the following media:

**ONE of the following drawing courses:**

ART 209	Figure Drawing	4
ART 304	Experimental Drawing I	4

**ONE of the following 3-D courses:**

ART 261	Sculpture Mold-Making and Casting I	4
ART 262	Experimental Sculpture I	4

**ONE of the following painting courses:**

ART 201	Introduction to Painting	4
ART 251	Mixed-Media Painting I	4
ART 252	Experimental Painting I	4

**ONE of the following photography courses:**

ART 208	Darkroom Photography	4
ART 218	Digital Photography	4

**ONE of the following printmaking courses:**

ART 231	Relief Printmaking	4
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ART 232	Intaglio Printmaking	4
ART 233	Experimental Printmaking	4
ART 234	Digital Printmaking	4
ART 235	Screenprinting	4
Subtotal: 16		

**History/Theory**

ART 281	History of Graphic Design	4
ART 357	Modern Art	4
ART 423	Contemporary Art	4
<b>Subtotal: 12</b>		

**Seminar and Review**

ART 298	Professional Seminar	2
ART 299	Junior Portfolio Review	0
<b>Subtotal: 2</b>		

**Graphic Design**

ART 305	Graphic Design I	4
ART 309	Typography	4
ART 318	Graphic Design II	4
ART 329	Graphic Design III	4
ART 499	BFA Graphic Design Capstone	4

**Graphic Design Electives**

Fourteen-credits from the following:		
ART 283	Design Thinking	2
ART 319	Typography II	4
ART 320	Graphic Design Portfolio Studio	4
ART 322	Branding and Packaging Design	4
ART 371	Fabrication Design I	4
ART 401	Special Projects	1-6
ART 411	Internship	1-4
ART 429	Graphic Design IV	4
ART 471	Fabrication Design II	4
Subtotal: 34		

**Total Credit Hours: 82**

A minimum "C" must be earned in all major coursework.

***Bachelor of Arts in Design***

The B.A. in Design is a traditional liberal arts degree paired with demanding and broadly based design curricula. The B.A. affords students the ability to focus their education in design and complement their study with an additional concentration/major in advertising, museum studies, business, technology, or other fine arts disciplines and areas of specialization. The program provides the knowledge, skills, and experience in established, new and emerging technologies both digital and analogue as well as developing the skills and capacity for design thinking, design research, and social innovation needed to thrive in a rapidly changing world.

***Degree Requirements*****Foundations**

ART 102	Foundations: Drawing	4
ART 104	Foundations: 2-D Design	4
ART 110	Foundations: Digital Arts	4
ART 305	Graphic Design I	4
ART 309	Typography	4
<b>Subtotal: 20</b>		

**History/Theory**

ART 281	History of Graphic Design	4
ART 283	Design Thinking	2
<b>Subtotal: 6</b>		

**Design Electives**

Twelve-credits from the following:		
ART 318	Graphic Design II	4
ART 319	Typography II	4
ART 320	Graphic Design Portfolio Studio	4
ART 322	Branding and Packaging Design	4
ART 329	Graphic Design III	4
ART 371	Fabrication Design I	4
ART 401	Special Projects	1-6
ART 411	Internship	1-4
ART 429	Graphic Design IV	4
ART 471	Fabrication Design II	4
COM 315	Web Design	4
COM 375	Critical Media Practice	4
COM 383	Advertising Creative Direction	4
<b>Subtotal: 12</b>		

**Total Credit Hours: 38**

A minimum "C" must be earned in all major coursework.

**Department of Communication**

**Faculty:** Associate Professor Neely, Chair; Professors Emeriti Bachman and Kennedy; Associate Professors Boulton, Davis, Eschenfelder, Gurrie, Hillier, McAlister, Tripp, Wheeler; Assistant Professors Clements, Foltz, Gómez-Vásquez, Kromka, Malone, Menzies, Nasrin, Sawicki, Smith-Frigerio; Associate Teaching Professor Firestone; Assistant Teaching Professors Brown, Kudva, Lagomasino, Seick; Lecturer I Fernandez-Santiago.

The Communication Department teaches students to be critically engaged leaders in the practice and study of communication, capable of innovative problem-solving and community-building. The department prepare students to be future media professionals, communication scholars, and lifelong learners who value diversity and inclusive civil discourse. Situating their pursuits in historical, political, and cultural contexts, students learn rigorous research, critical analysis, technological proficiency, skilled writing, and effective media authoring.

The goals of the Department of Communication are to: 1) educate students to become critical thinkers and humane communicators capable of using traditional and emerging technologies effectively, 2) innovate programs of study and methods of instruction within the department and in partnership with others across the University in response to the continually changing theories, technologies and practices of communication, 3) advance communication as an interdisciplinary field that enriches the scholarly, critical and creative life of students, faculty and the greater community, 4) ensure, by regular evaluation, that the department's programs, as well as any University programs with which the department is affiliated, remain relevant to the field of

communication and the mission of the department, and 5) contribute to the intellectual life of the University and encourage students and faculty to share scholarly and creative activities with the University and greater community.

There are four majors within the department: Communication, Media, and Culture; Communication and Speech Studies; Advertising and Public Relations; and Journalism. The Department of Communication also participates in the Film and Media Arts major, the New Media Production interdisciplinary major, the Master of Arts in Professional Communication, the Master of Arts in Social and Emerging Media, and the Master of Science in Instructional Design and Technology.

**Communication and Speech Studies Major**

Students majoring in Communication and Speech Studies will study theories of interpersonal and small group communication, techniques and practices related to effective speaking, argument and advocacy, and applications that can be applied to a variety of professional and organizational contexts. Communication and Speech Studies will help students better understand how humans connect and communicate in families, relationships, healthcare settings, court rooms and organizational contexts both small and large.

Coursework consists of communication theory including interpersonal and oral communication. A culminating capstone course engages students in original team-based research projects alongside faculty. Communication and Speech Studies students may seek employment opportunities in communication management, integrated campaigns, arts management, speech writing, social justice and advocacy roles, corporate training roles, sales, corporate communication, human resources, and graduate school in law or a variety of other disciplines.

**Degree Requirements**

**Core requirements**

For the core, students must take either SPE 200 or SPE 208. They also must take COM 224, SPE 310, SPE 400, and SPE 425 for a total of 20 credits.

	One of the following:	
SPE 200	Oral Communication	4
SPE 208	Speech for Business and the Professions	4
	and	
COM 224	Media and Society	4
SPE 310	Interpersonal Communication	4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4

**Subtotal: 20**

**Electives**

Students must choose courses from the following list for a total of at least 16 credit hours.

COM 301	Introduction to Organizational Communication	4
COM 327	Communication and Law	4
COM 401	Intercultural Communication	4
SPE 192	Independent Study	1-4
SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 292	Independent Study	1-4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 308	Group Presentation and Leading Change	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 392	Independent Study	1-4
SPE 492	Independent Study	1-4

**Subtotal: 16**

If either SPE 200 or SPE 208 is being used to fulfill a core requirement, that course may not be used to fulfill an elective requirement.

Subtotal: 36

**Total Credit Hours: 36**

**Communication, Media, and Culture**

The communication, media and culture major educates students to become critical thinkers and to understand the social, cultural and historical forces that shape media and communication while learning to utilize traditional and emerging technologies. The major helps prepare students for a variety of careers and professions — including for-profit and nonprofit organizations, government, law and business industries — that leverage communication practices or create forms of media to reach various audiences, participate in civic engagement, advocacy, activism or public address. The major also prepares students for a variety of post-graduate degrees.

Communication majors must complete a minimum of 15 courses, or 57 credit hours, made up of:

- Core Requirements (four courses; 16 credit hours)
- Production and Authoring (three courses; 12 credit hours)
- Theory and Studies (three courses; 12 credit hours)
- Electives (four courses; 16 credit hours)
- Portfolio Review (one course; 1 credit)

In "Production and Authoring," two courses must be at the 300 level or above.

In "Theory and Studies," two courses must be at the 300 level or above.



For the major, at least one course must be at the 400 level in either "Production and Authoring" or "Theory and Studies."

In "Electives," one course must be at the 300 level or above.

A maximum of 4 credit hours of Internship (COM 354) may be applied as electives. COM 354 does not satisfy the 300+ requirement.

A maximum of 8 credit hours of Independent Study (COM 392-399) may be applied as electives.

During their senior year, students must complete a 1-credit pass/fail portfolio review before graduation.

Students taking COM 499 Senior Project need to secure a faculty sponsor the semester before they plan to enroll.

The program provides individual access to production equipment in select courses. Students will be required to sign financial responsibility statements to use the equipment.

### *Degree Requirements*

#### **Core Requirements**

Communication, Media, and Culture majors must take the following courses:

COM 224	Media and Society	4
COM 232	Visual Literacy	4
COM 242	Digital Citizenship	4
COM 327	Communication and Law	4

**Subtotal: 16**

#### **Production and Authoring**

Three courses; 12 Credit Hours; At least two courses at the 300 level or above. (For the major, at least one course must be at the 400-level in either "Production and Authoring" or "Theory and Studies.")

COM 212	Co-Creative Documentary Abroad	4
COM 226	Introduction to Scriptwriting for Motion Pictures and Television	4
COM 236	UTTV Student Television	2
		or
		4
COM 250	WUTT Student Radio	2
		or
		4
COM 303	Studio Television I	4
COM 315	Web Design	4
COM 325	Writing for Broadcast News	4
COM 333	Studio TV II	4
COM 346	Writing for Interactive Media	4
COM 348	Writing the Situation Comedy	4
COM 375	Critical Media Practice	4
COM 475	Seminar in Critical Media Practice	4
COM 499	Senior Project	4
FMX 210	Digital Media	4
FMX 339	Game Design and Production	4
JOU 221	Multimedia Storytelling	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 304	Social, Digital, and Data Journalism	4
SEM 601	Digital Storytelling	4

SEM 613	Advanced Production in Emerging Media	4
SEM 611	Media Creation and Project Management	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 602	Visual Design for Emerging Media	4
MAPC 611	Emerging Technologies	4

**Subtotal: 12**

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

#### **Theory and Studies**

Three courses; 12 Credit Hours: At least two courses at the 300 level or above. (For the major, at least one course must be at the 400-level in either "Production and Authoring" or "Theory and Studies.")

COM 227	Media in the Americas	4
COM 260	American Cinema	4
COM 261	World Cinema	4
COM 300	The Documentary Tradition	4
COM 301	Introduction to Organizational Communication	4
COM 323	Digital Communication and Society	4
COM 332	Television Criticism	4
COM 335	Survey of Independent Video and Film	4
COM 360	Film Directors	4
COM 361	Film Genres	4
COM 365	Critical Analysis of Media Events	4
COM 370	Women, Film and Popular Culture	4
COM 390	Ethnicity in Film and Literature (Honors)	4
COM 401	Intercultural Communication	4
COM 425	Information Technology and Human Values	4
COM 435	Women Directors: Theory and Criticism	4
COM 443	Communication and Cultural Studies	4
COM 445	The Image and the Reality	4
COM 450	Experimental Cinema: History and Theory	4
COM 455	Film Theory and Criticism	4
COM 465	Senior Seminar in Cinema Studies	4
COM 499	Senior Project	4
SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 610	User Experience and Audience Research	4
SEM 612	Emerging Media: Industry, Policy, and Law	4

**Subtotal: 12**

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

#### **Electives**

Four Courses: 16 Credit Hours: At least one course at the 300 level or above. A maximum of 8 hours of Independent Study (COM 392-399) may be applied as electives. A maximum of 8 credits of Instructional Design (EME) courses may be applied as electives. A maximum of 4 hours of Internship (COM 354) may be applied as electives. COM 354 does not satisfy 300+ requirement.

COM 212	Co-Creative Documentary Abroad	4	COM 435	Women Directors: Theory and Criticism	4
COM 222	Media Aesthetics and Creativity	4	COM 436	Communication and Media Ethics	4
COM 225	Media Writing	4	COM 443	Communication and Cultural Studies	4
COM 226	Introduction to Scriptwriting for Motion Pictures and Television	4	COM 445	The Image and the Reality	4
COM 227	Media in the Americas	4	COM 446	Advanced Topics in Communication	4
COM 234	Topics in Communication	1-4	COM 450	Experimental Cinema: History and Theory	4
COM 236	UTTV Student Television	2	COM 455	Film Theory and Criticism	4
		or	COM 465	Senior Seminar in Cinema Studies	4
		4	COM 466	International Advertising	4
COM 250	WUTT Student Radio	2	COM 470	Communication Research Methods	4
		or	COM 475	Seminar in Critical Media Practice	4
		4	COM 499	Senior Project	4
COM 260	American Cinema	4	COM 483	Advertising Campaigns	4
COM 261	World Cinema	4	COM 484	Public Relations Campaigns	4
COM 283	Principles of Advertising	4	FMX 210	Digital Media	4
COM 284	Principles of Public Relations	4	FMX 339	Game Design and Production	4
COM 300	The Documentary Tradition	4	FMX 340	Screenwriting Development	4
COM 301	Introduction to Organizational Communication	4	FMX 440	Screenwriting Features	4
COM 302	Digital Media and Design for Communication	4	JOU 101	Introduction to Journalism	4
COM 303	Studio Television I	4	JOU 213	Travel Writing	4
COM 315	Web Design	4	JOU 221	Multimedia Storytelling	4
COM 323	Digital Communication and Society	4	JOU 271	News Reporting and Writing	4
COM 325	Writing for Broadcast News	4	JOU 273	Practicum in Student Publications	1-4
COM 327	Communication and Law	4	JOU 290	Special Topics in Journalism	4
COM 332	Television Criticism	4	JOU 304	Social, Digital, and Data Journalism	4
COM 333	Studio TV II	4	JOU 371	Feature Writing	4
COM 335	Survey of Independent Video and Film	4	JOU 390	Advanced Special Topics in Journalism	4
COM 346	Writing for Interactive Media	4	JOU 485	Directed Writing in Journalism	1-4
COM 348	Writing the Situation Comedy	4	JOU 490	Journalism Studies: Career Internship for Journalism Majors	1-8
COM 350	Strategic Social Media	4	JOU 499	Journalism Colloquium/Portfolio	2
COM 354	Internship in Communication	1-4	SPE 200	Oral Communication	4
COM 360	Film Directors	4	SPE 205	Oral Performance of Literature	4
COM 361	Film Genres	4	SPE 208	Speech for Business and the Professions	4
COM 365	Critical Analysis of Media Events	4	SPE 212	Global Speech, Human Rights and Social Justice	4
COM 370	Women, Film and Popular Culture	4	SPE 300	Storytelling: Voice, Script and Movement	4
COM 375	Critical Media Practice	4	SPE 308	Group Presentation and Leading Change	4
COM 383	Advertising Creative Direction	4	SPE 310	Interpersonal Communication	4
COM 384	Writing for Public Relations	4	SPE 315	Freedom of Speech and First Amendment Studies	4
COM 388	Multicultural and Prosocial Strategic Communication	4	SPE 330	Special Topics in Speech	2-4
COM 390	Ethnicity in Film and Literature (Honors)	4	SPE 400	Public Messages and Technology	4
COM 392	Independent Study in Communication	1-4	SPE 425	Persuasion, Argumentation, and Conflict Resolution	4
COM 401	Intercultural Communication	4	EME 601	Introduction to Instructional Design	4
COM 425	Information Technology and Human Values	4	EME 605	Introduction to Distance Learning	4
COM 426	Public Opinion, the Media and Power	4	EME 610	Trends and Issues in Instructional Design and Technology	4
			EME 612	Media for Instruction	4
			EME 613	Open Learning Environments in the 21st Century	3
			EME 630	Development of Multimedia Instruction	4

EME 660	Seminar in Instructional Design	2
SEM 601	Digital Storytelling	4
SEM 614	Motion Graphics and Visual Effects for Social and Emerging Media	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 610	User Experience and Audience Research	4
SEM 611	Media Creation and Project Management	4
SEM 612	Emerging Media: Industry, Policy, and Law	4
SEM 613	Advanced Production in Emerging Media	4

**Subtotal: 16**

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

#### Portfolio Review

Required one credit course, to be taken during senior year.

COM 490	Communication Major Portfolio Review	1
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**Subtotal: 1**

**Total Credit Hours: 57**

#### *Communication Minor*

Twenty-four credit hours from the communication curriculum are required including: COM 224, COM 232, COM 242, COM 327 and two electives including at least one 300- or 400-level course. These electives can include any courses listed in the Communication, Media, and Culture major curriculum, whether they are delivered by communication or other departments. Internship credits (COM 354) will not count toward requirements for courses at 300-level or above. Students majoring in advertising and public relations, communication and speech studies, and journalism must complete all requirements in the minor, with at least 4 credit hours of courses that meet requirements beyond the courses for their major.

**Total Credit Hours: 24**

#### *Cinema Studies Minor*

The Cinema Studies minor offers students the opportunity to explore film from a variety of perspectives, including history, theory, and film analysis.

#### *Degree Requirements*

##### Core Requirements

COM 260	American Cinema	4
COM 261	World Cinema	4

**Subtotal: 8**

#### Electives

Four courses, 300 level or above, one of which must be 400 level (one course must also carry (W) Writing Intensive designation).

COM 300	The Documentary Tradition	4
COM 335	Survey of Independent Video and Film	4
COM 360	Film Directors	4
COM 361	Film Genres	4
COM 370	Women, Film and Popular Culture	4
COM 390	Ethnicity in Film and Literature (Honors)	4
COM 435	Women Directors: Theory and Criticism	4
COM 445	The Image and the Reality	4
COM 450	Experimental Cinema: History and Theory	4
COM 455	Film Theory and Criticism	4
COM 465	Senior Seminar in Cinema Studies	4
COM 467	Advanced Film Analysis	4
COM 499	Senior Project	4

**Subtotal: 16**

Total Credit Hours: 24  
Subtotal: 8

#### *Journalism Major*

The major in journalism offers students the opportunity to study, learn and practice the craft of journalism in traditional print forms, as well as newer and evolving multimedia and online models. Essential media law is covered, and students examine and debate journalistic ethics. Foundational courses also delve into journalism's historical role and societal importance.

#### *Degree Requirements*

##### Core Requirements

JOU 101	Introduction to Journalism	4
JOU 221	Multimedia Storytelling	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 304	Social, Digital, and Data Journalism	4
COM 327	Communication and Law	4
JOU 371	Feature Writing	4
JOU 499	Journalism Colloquium/Portfolio	2
WRI 242	Introduction to Publication Editing and Design	4

**Subtotal: 34**

Note: Students must take a total 4 credits of JOU 273 and a total of 4 credits of WRI 242. Credits in these two variable credit courses can be and are usually accumulated over multiple semesters. Practicum credit is most often earned through work at the student newspaper/website, *The Minaret*, but can also be earned via work at UTTV Spartan Television (COM 236).

#### Electives

Students will also take 16 credits of electives from courses listed below:

JOU 213	Travel Writing	4
JOU 251	Sports Journalism	4

JOU 290	Special Topics in Journalism	4
COM 212	Co-Creative Documentary Abroad	4
COM 225	Media Writing	4
COM 242	Digital Citizenship	4
COM 250	WUTT Student Radio	2
		or
		4
WRI 220	Digital Writing and Culture	4
WRI 281	Technical Writing	4
JOU 336	Advanced Broadcast Journalism Field Production	4
JOU 390	Advanced Special Topics in Journalism	4
COM 300	The Documentary Tradition	4
COM 303	Studio Television I	4
COM 315	Web Design	4
COM 323	Digital Communication and Society	4
COM 325	Writing for Broadcast News	4
COM 333	Studio TV II	4
COM 346	Writing for Interactive Media	4
COM 365	Critical Analysis of Media Events	4
ENG 370	Printing, Publishing and Book Arts	4
FMX 313	Documentary Production	4
WRI 374	Narrative Nonfiction	4
WRI 381	Professional Editing	4
JOU 485	Directed Writing in Journalism	1-4
JOU 490	Journalism Studies: Career Internship for Journalism Majors	1-8
COM 426	Public Opinion, the Media and Power	4
COM 436	Communication and Media Ethics	4
COM 236	UTTV Student Television	2
		or
		4
SEM 601	Digital Storytelling	4
SEM 614	Motion Graphics and Visual Effects for Social and Emerging Media	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 610	User Experience and Audience Research	4
SEM 611	Media Creation and Project Management	4
SEM 612	Emerging Media: Industry, Policy, and Law	4
SEM 613	Advanced Production in Emerging Media	4
MAPC 611	Emerging Technologies	4

**Subtotal: 16**

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).  
Subtotal: 50

**Total Credit Hours: 50**

*Journalism Minor*

*Degree Requirements*

**Requirements for Journalism Minor**

Required foundation courses:

JOU 101	Introduction to Journalism	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4

**Subtotal: 12**

Note: the four required practicum credits (JOU 273) can be and are usually accumulated over multiple semesters.

**Advanced Courses**

Students must choose two of the following more specialized courses:

JOU 221	Multimedia Storytelling	4
JOU 304	Social, Digital, and Data Journalism	4
COM 325	Writing for Broadcast News	4
JOU 371	Feature Writing	4

**Subtotal: 8**

**Electives**

Students must take at least one other four-credit course from the list below, or another course approved by the program coordinators:

COM 303	Studio Television I	4
COM 327	Communication and Law	4
COM 333	Studio TV II	4
FMX 313	Documentary Production	4
JOU 213	Travel Writing	4
JOU 251	Sports Journalism	4
WRI 212	Memoir and Autobiography	4
WRI 220	Digital Writing and Culture	4
WRI 281	Technical Writing	4
WRI 374	Narrative Nonfiction	4
COM 236	UTTV Student Television	2

or

4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24**

*Speech Studies Minor*

The Speech Studies Minor is designed for students who wish to study Speech Communication and whose interests transverse a broad range of topics. Speech Studies Minor students have access to a variety of course choices ranging from the rhetorical roots of the oral traditions and persuasion to cutting-edge presentation and technological theories and praxis. Students may wish to pair the minor with their major studies in the arts or business for communicative strengthening of skill; or complement research and analytical skills in the social and applied sciences. All students may find a home in the Speech Studies Minor and are encouraged to meet with the faculty to discuss which electives will best suit their endeavors.

*Degree Requirements*

**Coursework for a minor in speech studies:**

Speech Studies Minor students are required to complete core courses: SPE 200 Oral Communication and SPE 208 Speech for Business and the Professions, and any three listed elective courses. Coursework for the minor may be completed in any sequence provided necessary pre-requisites for specific courses have been met.

SPE 200	Oral Communication	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 8**

### Electives

Students may choose any of the following courses (total of 12 credit hours):

SPE 100	Voice and Diction	4
SPE 205	Oral Performance of Literature	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 308	Group Presentation and Leading Change	4
SPE 310	Interpersonal Communication	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4
COM 224	Media and Society	4
LJA 315	Appellate Advocacy	4

**Subtotal: 12**

Subtotal: 20

**Total Credit Hours: 20**

### *Minor in Speech/Theatre*

Students interested in pursuing a minor in speech/theatre are required to complete 24 credit hours in courses that are designated as either SPE or THR. Students must fulfill 12 credit hours of required coursework as stated below. The remaining 12 credits required for the minor are elective courses chosen by the student. Students are given the opportunity to design a program of study that will best suit their academic needs, as well as draw upon their talents and expertise in the disciplines of speech, theatre or both. A total of 8 credit hours must be selected from Group A electives and 4 credit hours from Group B electives. THR 240, 241 and 242 may be repeated for credit. However, students may not register for these courses more than four times toward the fulfillment of a minor in speech/theatre.

### *Degree Requirements*

#### Coursework for the minor in speech/theatre:

SPE 100	Voice and Diction	4
THR 204	Acting I for Non-Majors	3
THR 245	Technical Theatre	1
THR 253	Survey of World Theatre	4

or

THR 254	Survey of World Theatre II	4
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**Subtotal: 12**

#### Elective Courses – Group A

SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
THR 240	Theatre Participation	0-1
THR 241	Musical Participation	0-1
THR 242	Cabaret Participation	0-1
THR 243	Studio Theatre Participation	0-1
THR 244	Logos: Spoken Word Performance Ensemble	0-1
THR 304	Acting II for Non-Majors	3
THR 308	Development of Musical Theatre	3
THR 320	Play Analysis	4
THR 401	Acting Shakespeare	3
THR 425	Directing	3

**Subtotal: 8**

#### Elective Courses – Group B

SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24**

### *Advertising and Public Relations*

The major in advertising and public relations is designed to prepare students for professional and academic opportunities in strategic communications, as well as for the pursuit of advanced degrees. Students will have the opportunity to develop critical thinking capabilities, specialized knowledge, practical skills, technical competencies and the theoretical framework necessary to address real-world communication problems in advertising and public relations.

Core courses provide foundations in advertising, marketing, public relations, culture and society, visual aesthetics, writing, research, design, production and strategic problem solving. Students must take a minimum of 68 credit hours to fulfill the requirements of the major.

The ADPR major consists of 68 credit hours, including core requirements (40 credits) and concentration core and elective courses (28 credits). Each ADPR major will choose one of three concentrations:

1. advertising creative concentration,
2. public relations concentration or
3. general advertising and public relations concentration

Each graduating senior in the ADPR major, regardless of concentration, must submit a portfolio of work for evaluation by the ADPR faculty.

*Degree Requirements*

**Major core (28 hours)**

All ADPR majors, regardless of concentration, must complete the following courses to fulfill the major:

COM 222	Media Aesthetics and Creativity	4
COM 224	Media and Society	4
COM 225	Media Writing	4
COM 283	Principles of Advertising	4
COM 284	Principles of Public Relations	4
COM 436	Communication and Media Ethics	4
COM 470	Communication Research Methods	4

**Subtotal: 28**

**Digital Core (12 credit hours)**

**DIGITAL CORE 1**

*Choose one* of the following. All ADPR majors, regardless of concentration, must complete *one* of the following courses to fulfill the major.

ART 110	Foundations: Digital Arts	4
FMX 210	Digital Media	4

**Subtotal: 4**

Any majors planning to take ART 305 must take ART 110 as the prerequisite.

**DIGITAL CORE 2**

*Choose one* of the following. All ADPR majors, regardless of concentration, must complete *one* of the following courses to fulfill the major.

ART 305	Graphic Design I	4
COM 302	Digital Media and Design for Communication	4

**Subtotal: 4**

\*NOTE: Prereqs for ART 305 are ART 102, ART 104, and ART 110.

**DIGITAL CORE ELECTIVES**

*Choose one* of the following. All ADPR majors, regardless of concentration, must complete *one* of the following courses to fulfill the major.

COM 236	UTTV Student Television	2
		or
		4
COM 315	Web Design	4
FMX 241	Sound, Image and Motion	4
JOU 221	Multimedia Storytelling	4

**Subtotal: 4**

**ADVERTISING CREATIVE CONCENTRATION (28 credits)**

**Advertising Creative Concentration Core (12 credits)**

ADPR majors choosing the advertising creative concentration must complete the following courses to fulfill the major:

COM 232	Visual Literacy	4
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COM 383	Advertising Creative Direction	4
COM 483	Advertising Campaigns	4

**Subtotal: 12**

**Advertising Creative Concentration Electives**

Below are lists of electives for the Advertising Creative concentration.

Outside of these lists, a maximum of 8 credit hours in related courses may count as electives in a concentration. These courses should closely coincide with the student's scholarly or career interests, and should be chosen with the advice of a communication faculty adviser.

No more than 8 credit hours of independent study may be counted towards elective in a concentration.

A maximum of 4 credit hours of internship can be counted toward the ADPR major.

Additional internship credits may be counted toward general education electives.

Internship credits will not count toward requirements for 300 level or above courses.

An elective course can only count once toward the major, even if it appears on more than one list.

To take a graduate course toward the Master of Arts in Social and Emerging Media (MASEM): Only undergraduate students enrolled in the Master of Arts in Social and Emerging Media (MASEM) Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611). The four (4) credits will count toward the MASEM degree and toward the B.A. in Advertising & Public Relations.

**Advertising Creative Concentration - History/Theory Electives (8 credits hours)**

ADPR majors choosing the advertising creative concentration must complete 8 credit hours from the following list of electives. At least 4 credit hours must be taken at the 300-level or above.

ART 281	History of Graphic Design	4
ART 357	Modern Art	4
COM 301	Introduction to Organizational Communication	4
COM 323	Digital Communication and Society	4
COM 327	Communication and Law	4
COM 332	Television Criticism	4
COM 334	Information and the New World Order	4
COM 365	Critical Analysis of Media Events	4
COM 370	Women, Film and Popular Culture	4
COM 388	Multicultural and Prosocial Strategic Communication	4
COM 392	Independent Study in Communication	1-4
COM 401	Intercultural Communication	4

COM 425	Information Technology and Human Values	4
COM 426	Public Opinion, the Media and Power	4
COM 443	Communication and Cultural Studies	4
COM 466	International Advertising	4
FMX 211	Media Arts: History and Theory	4
JOU 101	Introduction to Journalism	4
MKT 300	Principles of Marketing	4
MKT 354	Buyer Behavior	4
SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 610	User Experience and Audience Research	4
SEM 612	Emerging Media: Industry, Policy, and Law	4

**Subtotal: 8**

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

**Advertising Creative Concentration - Practicum Electives (8 credit hours)**

ADPR majors choosing a concentration in advertising creative must complete 8 credit hours from the following list of electives, at least 4 at the 300-level or above.

A maximum of 4 credit hours of internship can be counted toward electives in the major. Additional internship credit may be counted toward general education electives.

Internship credits (COM 354) will not count toward requirements for 300-level or above courses.

An elective course can only count once toward the major, even if it appears on more than one list.

ART 102	Foundations: Drawing	4
ART 104	Foundations: 2-D Design	4
ART 218	Digital Photography	4
ART 309	Typography	4
ART 318	Graphic Design II	4
COM 226	Introduction to Scriptwriting for Motion Pictures and Television	4
COM 236	UTTV Student Television	2
		or
		4
COM 303	Studio Television I	4
COM 315	Web Design	4
COM 333	Studio TV II	4
COM 344	Special Topics	1-4
COM 346	Writing for Interactive Media	4
COM 350	Strategic Social Media	4
COM 354	Internship in Communication	1-4
COM 384	Writing for Public Relations	4
COM 392	Independent Study in Communication	1-4
FMX 207	Digital Drawing	4
FMX 217	3D Animation I	4
FMX 241	Sound, Image and Motion	4
FMX 310	Creative Coding	4
FMX 311	UX/UI User Experience & User Interaction	4

FMX 381	Digital Imaging	4
JOU 221	Multimedia Storytelling	4
JOU 273	Practicum in Student Publications	1-4
JOU 304	Social, Digital, and Data Journalism	4
MKT 411	Promotion and Branding Strategies	4
SPE 100	Voice and Diction	4
SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 308	Group Presentation and Leading Change	4
SPE 310	Interpersonal Communication	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4
WRI 200	Introduction to Creative Writing	4
WRI 240	Writing Drama	4
SEM 601	Digital Storytelling	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 611	Media Creation and Project Management	4
SEM 613	Advanced Production in Emerging Media	4
MAPC 611	Emerging Technologies	4

**Subtotal: 8**

Students may receive credit for SPE 200 or SPE 208 (but not both) because of potential overlap in content. JOU 273 and WRI 242 may be taken for up to 4 credits in each major. NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

**PUBLIC RELATIONS CONCENTRATION (28 credits)****Public Relations Concentration Core (12 credit hours)**

ADPR majors choosing the public relations concentration must complete the following courses to fulfill the major:

COM 384	Writing for Public Relations	4
COM 484	Public Relations Campaigns	4

**Subtotal: 8****BUSINESS CORE**

Choose one of the following:

BUS 101	Introduction to Global Business	4
COM 301	Introduction to Organizational Communication	4

**Subtotal: 4**

**Public Relations Concentration - Electives**

Below are lists of electives for the Public Relations concentration.

Outside of these lists, a maximum of 8 credit hours in related courses may count as electives in a concentration. These courses should closely coincide with the student's scholarly or career interests, and should be chosen with the advice of a communication faculty adviser.

No more than 8 credit hours of independent study may be counted towards elective in a concentration.

A maximum of 4 credit hours of internship can be counted toward the ADPR major.

Additional internship credits may be counted toward general education electives.

Internship credits will not count toward requirements for 300 level or above courses.

An elective course can only count once toward the major, even if it appears on more than one list.

To take a graduate course toward the Master of Arts in Social and Emerging Media (MASEM): Only undergraduate students enrolled in the Master of Arts in Social and Emerging Media (MASEM) Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611). The four (4) credits will count toward the MASEM degree and toward the B.A. in Advertising & Public Relations.

**Public Relations Concentration - Authoring and Production Electives (8 credit hours)**

ADPR majors choosing the public relations concentration must complete 8 credit hours from the following list of electives. At least 4 credit hours must be taken at the 300 level or above.

COM 234	Topics in Communication	1-4
COM 236	UTTV Student Television	2
		or
		4
COM 315	Web Design	4
COM 325	Writing for Broadcast News	4
COM 344	Special Topics	1-4
COM 346	Writing for Interactive Media	4
COM 350	Strategic Social Media	4
COM 383	Advertising Creative Direction	4
COM 392	Independent Study in Communication	1-4
FMX 241	Sound, Image and Motion	4
JOU 221	Multimedia Storytelling	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 304	Social, Digital, and Data Journalism	4
JOU 371	Feature Writing	4
WRI 200	Introduction to Creative Writing	4
WRI 220	Digital Writing and Culture	4
WRI 242	Introduction to Publication Editing and Design	4
WRI 274	Creative Nonfiction	4

WRI 281	Technical Writing	4
MAPC 611	Emerging Technologies	4
SEM 601	Digital Storytelling	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 611	Media Creation and Project Management	4
SEM 613	Advanced Production in Emerging Media	4

**Subtotal: 8**

WRI 242 and JOU 273 may be repeated for up to 4 credits in the major. NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611). **Public Relations Concentration - Other Electives (8 credit hours)**

ADPR students choosing a concentration in public relations must complete 8 credit hours from the following list of electives.

A maximum of 4 credit hours of internship can be counted toward the ADPR major. Additional internship credits may be counted toward general education electives.

Internship requirements will not count toward requirements for 300-level or above courses.

BUS 101	Introduction to Global Business	4
COM 232	Visual Literacy	4
COM 301	Introduction to Organizational Communication	4
COM 327	Communication and Law	4
COM 344	Special Topics	1-4
COM 354	Internship in Communication	1-4
COM 388	Multicultural and Prosocial Strategic Communication	4
COM 392	Independent Study in Communication	1-4
COM 401	Intercultural Communication	4
COM 443	Communication and Cultural Studies	4
COM 499	Senior Project	4
JOU 101	Introduction to Journalism	4
SPE 100	Voice and Diction	4
SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 308	Group Presentation and Leading Change	4
SPE 310	Interpersonal Communication	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4



SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 612	Emerging Media: Industry, Policy, and Law	4
SEM 610	User Experience and Audience Research	4

**Subtotal: 8**

\*Students may receive credit for SPE 200 or SPE 208 (but not both), because of potential overlap in content. NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

**GENERAL CONCENTRATION (28 credits)**

**Advertising and Public Relations General Concentration Core (16 credit hours)**

ADPR majors choosing the general concentration must complete the following courses to fulfill the major:

COM 232	Visual Literacy	4
COM 383	Advertising Creative Direction	4
COM 384	Writing for Public Relations	4

**Subtotal: 12**

**CAMPAIGNS REQUIREMENT**

Choose one of the following:

COM 483	Advertising Campaigns	4
or		
COM 484	Public Relations Campaigns	4

**Subtotal: 4**

**General Concentration Electives (12 credit hours)**

ADPR majors choosing a general concentration must complete 12 credit hours from the following lists of electives. At least 8 credit hours must be taken at the 300 level or above.

Outside of these lists, a maximum of 8 credit hours in related courses may count as electives in a concentration. These courses should closely coincide with the student's scholarly or career interests, and should be chosen with the advice of a communication faculty adviser.

A maximum of 4 credit hours of internship can be counted toward the ADPR major. Additional internship credits may be counted toward general education electives.

Internship credits will not count toward requirements for 300 level or above courses.

No more than 8 credit hours of independent study may be counted toward electives in a concentration.

An elective course can only count once towards the major, even if it appears on more than one list.

To take a graduate course toward the Master of Arts in Social and Emerging Media (MASEM): Only

undergraduate students enrolled in the Master of Arts in Social and Emerging Media (MASEM) Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611). The four (4) credits will count toward the MASEM degree and toward the B.A. in Advertising & Public Relations.

ART 102	Foundations: Drawing	4
ART 104	Foundations: 2-D Design	4
ART 110	Foundations: Digital Arts	4
ART 218	Digital Photography	4
ART 318	Graphic Design II	4
BUS 101	Introduction to Global Business	4
COM 234	Topics in Communication	1-4
COM 236	UTTV Student Television	2
		or
		4
COM 301	Introduction to Organizational Communication	4
COM 303	Studio Television I	4
COM 315	Web Design	4
COM 323	Digital Communication and Society	4
COM 325	Writing for Broadcast News	4
COM 327	Communication and Law	4
COM 333	Studio TV II	4
COM 334	Information and the New World Order	4
COM 344	Special Topics	1-4
COM 346	Writing for Interactive Media	4
COM 350	Strategic Social Media	4
COM 354	Internship in Communication	1-4
COM 383	Advertising Creative Direction	4
COM 388	Multicultural and Prosocial Strategic Communication	4
COM 392	Independent Study in Communication	1-4
COM 401	Intercultural Communication	4
COM 426	Public Opinion, the Media and Power	4
COM 443	Communication and Cultural Studies	4
COM 466	International Advertising	4
COM 499	Senior Project	4
COM 483	Advertising Campaigns	4
COM 484	Public Relations Campaigns	4
ECO 204	Principles of Microeconomics	4
FMX 217	3D Animation I	4
FMX 241	Sound, Image and Motion	4
FMX 310	Creative Coding	4
FMX 339	Game Design and Production	4
FMX 381	Digital Imaging	4
JOU 101	Introduction to Journalism	4
JOU 221	Multimedia Storytelling	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 304	Social, Digital, and Data Journalism	4
JOU 371	Feature Writing	4
MKT 300	Principles of Marketing	4
MKT 354	Buyer Behavior	4
MKT 371	Professional Selling and Sales Management	4

MKT 410	Global Marketing	4
MKT 411	Promotion and Branding Strategies	4
MKT 450	Marketing Strategy	4
SPE 100	Voice and Diction	4
SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 308	Group Presentation and Leading Change	4
SPE 310	Interpersonal Communication	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4
WRI 200	Introduction to Creative Writing	4
WRI 220	Digital Writing and Culture	4
WRI 242	Introduction to Publication Editing and Design	4
WRI 274	Creative Nonfiction	4
WRI 281	Technical Writing	4
MAPC 611	Emerging Technologies	4
SEM 601	Digital Storytelling	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 604	Social and Emerging Media Strategy and Analytics	4
SEM 610	User Experience and Audience Research	4
SEM 611	Media Creation and Project Management	4
SEM 612	Emerging Media: Industry, Policy, and Law	4
SEM 613	Advanced Production in Emerging Media	4

**Subtotal: 12**

\*Students may receive credit for SPE 200 or SPE 208 (but not both) because of potential overlap in content. JOU 273 and WRI 242 may be taken for up to 4 credits in each major.

NOTE: Only undergraduate students enrolled in the MASEM Accelerated Program may take a graduate course offered by the MASEM program (any course with a SEM prefix or MAPC 611).

*Advertising Minor*

The advertising minor is an interdisciplinary program requiring a minimum of 28 credit hours as follows:

*Degree Requirements*

**Students must take the following:**

COM 222	Media Aesthetics and Creativity	4
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COM 224	Media and Society	4
COM 225	Media Writing	4
COM 283	Principles of Advertising	4
COM 383	Advertising Creative Direction	4

**Subtotal: 20**

**Digital Foundations – CHOOSE ONE**

ART 110	Foundations: Digital Arts	4
	or	
FMX 210	Digital Media	4

**Subtotal: 4**

**Digital Intermediate – CHOOSE ONE**

ART 305	Graphic Design I	4
	or	
COM 302	Digital Media and Design for Communication	4

**Subtotal: 4**

\*NOTE Prereqs for ART 305 are ART 110, ART 102, and ART 104.

Subtotal: 28

**Total Credit Hours: 28**

*Public Relations Minor*

The public relations minor is an interdisciplinary program that exposes students to introductory theories and production skills in the field of public relations. The minor requires a minimum of 28 credit hours as follows:

*Degree Requirements*

**Students must take the following:**

COM 222	Media Aesthetics and Creativity	4
COM 224	Media and Society	4
COM 225	Media Writing	4
COM 284	Principles of Public Relations	4
COM 384	Writing for Public Relations	4

**Subtotal: 20**

**Digital Foundations – CHOOSE ONE**

ART 110	Foundations: Digital Arts	4
	or	
FMX 210	Digital Media	4

**Subtotal: 4**

**Digital Intermediate – CHOOSE ONE**

ART 305	Graphic Design I	4
	or	
COM 302	Digital Media and Design for Communication	4

**Subtotal: 4**

\*NOTE Prereqs for ART 305 are ART 110, ART 102, and ART 104.

Subtotal: 28

**Total Credit Hours: 28**

## Department of English and Writing

Faculty: Associate Professor Wollenberg, Chair; Professors Hollist, Ochshorn, Putnam, Tillman; Associate Professors Dawson, Dooghan, Lauro, Letter, McIntosh, Reamer, Whiteside; Assistant Professors Kanjilal, McIlvain, Muñoz, Nelson; Associate Teaching Professors Fryett, Hinton, Hovanec, Overaa, Restrepo, Waggoner; Assistant Teaching Professors Brennen, Brown, Class, Corrigan, Elliot, Lakoff, Mollmann, Schrag.

The English major grounds students in the humanistic study of literature and language. Students will study past and present responses to enduring political and cultural questions, and learn to formulate their own responses informed by the reading and analysis of literature and scholarship. Students will cultivate professional research and communication skills by applying their critical and literary knowledge in progressively more ambitious writing projects.

The major in writing educates students in the art and craft of written communication, combining liberal arts ideals with practical, real-world applications. Students in the program can concentrate on creative writing (fiction, poetry, creative nonfiction, and other imaginative forms) and/or professional and technical writing.

English and writing majors engage both breadth and depth of study of literary traditions, and students extend their knowledge through study of multi-ethnic literature, oral traditions, avant-garde and countercultural expression, and major contemporary voices and practices in creative and professional writing.

Courses taken as part of a student's designated major in the Department of English and Writing may not be used to satisfy requirements for the general curriculum distribution.

### English Major

#### Degree Requirements

##### Methodological Core:

LIT 120	Introduction to Literary Studies	4
ENG 305	Research and Writing in the Discipline	4

**Subtotal: 8**

##### Content Core:

LIT 214	Introduction to Literary Theory	4
LIT 222	Rebellions, Revolutions, and Reform	4
LIT 251	Literary History I	4
LIT 252	Literary History II	4
LIT 280	Flashpoints	4
LIT 281	Identity and Difference	4

**Subtotal: 24**

##### Internship:

WRI 490	Writing Internship	1-10
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**Subtotal: 2**

##### Thesis

LIT 490	Literature Thesis	4
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**Subtotal: 4**

##### Electives - 12 Credit Hours

12 credits of 300 or 400-level courses designated LIT, ENG, or WRI.

**Subtotal: 12**

Subtotal: 50

**Total Credit Hours: 50**

### English Minor

Students seeking minors in English should work with advisors to plan an appropriate program of 20 credit hours, of which at least 16 credit hours must be in literature courses designated LIT. At least 8 credit hours must be in literature (LIT) courses numbered 300 or above. One WRI course OR one ENG course may be counted toward the minor. AWR 100, AWR 101, AWR 102, AWR 110 and AWR 111 courses may not count toward the minor.

### Teacher Certification in English

Students who are pursuing education degrees must consult the Department of Education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses. For up-to-date information on state legislation that may affect certification requirements for English majors, contact the University's Department of Education office.

### TESOL Certificate

A TESOL certificate is only available to full-time University of Tampa students. The certificate is widely accepted as academic and practical preparation in the teaching of English as a second or foreign language (ESL/EFL). (This should not be confused with state teacher certification necessary to teach in public schools.) Students who pursue the TESOL certificate should be interested in living, teaching and traveling abroad after graduation. For more specific information, contact Mark Putnam, Professor of English.

### Degree Requirements

#### Required coursework for a TESOL Certificate at UT:

ENG 205	Advanced English Grammar	4
ENG 343	Approaches to TESOL and Teaching Second and Foreign Languages	4
ENG 443	The Supervised Practicum in TESOL	4

**Subtotal: 12**

#### Other requirements:

A 3.0 GPA in courses listed/strongly suggested, at least one semester in a foreign language.

Subtotal: 12

**Total Credit Hours: 12**

*Writing Major*

**Requirements for a major in writing:**

Students must complete 54 credit hours in one of two tracks in the major: Professional Writing & Publishing (PWP) or Creative Writing (CW). Students in both tracks will complete 14 hours of a common core, including an internship and thesis course. The PWP track requires 24 core course credits and 16 elective credits (8 hours at the 300-level). The CW track requires 20 core course credits (beginning and advanced courses in two genres) and 20 credits of electives (8 hours at the 300-level).

*Degree Requirements*

**Core Courses**

LIT 120	Introduction to Literary Studies	4
ENG 305	Research and Writing in the Discipline	4

**Subtotal: 8**

**Internship**

WRI 245	Yearbook Publication	2
	or	
WRI 490	Writing Internship	1-10
	or	
JOU 273	Practicum in Student Publications	1-4

**Subtotal: 2**

**Thesis**

WRI 485	Directed Professional Writing	1-4
	or	
WRI 499	Writing Thesis	4

**Subtotal: 4**

**Writing majors must complete either the Professional Writing and Publishing Track or the Creative Writing Track**  
**PROFESSIONAL WRITING AND PUBLISHING TRACK**  
**Professional Writing and Publishing Core**

ENG 205	Advanced English Grammar	4
	or	
ENG 330	Language and Rhetoric	4
WRI 220	Digital Writing and Culture	4
WRI 242	Introduction to Publication Editing and Design	4
WRI 281	Technical Writing	4
WRI 381	Professional Editing	4
WRI 385	Visual Rhetoric and Design	4

**Subtotal: 24**

**Professional Writing and Publishing Electives**

16 credits in courses designated ENG, LIT, or WRI. At least 8 credits must be at the 300-level or above. 4 credits may be additional practicum hours.

**CREATIVE WRITING TRACK**

**Creative Writing Core**

WRI 200	Introduction to Creative Writing	4
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**Subtotal: 4**

**Two of the following sequences must be completed:**

WRI 250	Poetry Writing I	4
	and	
WRI 351	Poetry Writing II	4
	or	
WRI 260	Fiction Writing I	4
	and	
WRI 361	Fiction Writing II	4
	or	
WRI 274	Creative Nonfiction	4
	and	
WRI 374	Narrative Nonfiction	4
	or	
WRI 281	Technical Writing	4
	and	
WRI 381	Professional Editing	4

**Subtotal: 16**

**Creative Writing Electives**

12 credits in LIT-designated courses. 8 credits must be taken at the 300-level or above

8 additional credits in ENG, LIT, or WRI designated courses, or from the following list of COM and JOU courses.

COM 225	Media Writing	4
COM 226	Introduction to Scriptwriting for Motion Pictures and Television	4
COM 234	Topics in Communication	1-4
COM 325	Writing for Broadcast News	4
COM 346	Writing for Interactive Media	4
COM 383	Advertising Creative Direction	4
COM 384	Writing for Public Relations	4
JOU 213	Travel Writing	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 290	Special Topics in Journalism	4
JOU 371	Feature Writing	4
JOU 390	Advanced Special Topics in Journalism	4

**Subtotal: 20**

**Total Credit Hours: 54**

*Writing Minor*

**Requirements for a minor in writing:**

28 credit hours consisting of 20 hours in writing courses and 8 hours in literature courses designated LIT (4 hours at the 200 level of LIT and 4 hours at the 300 level or above of LIT).

Literature courses used to fulfill the writing major or minor also may count toward an English major or minor.

**Choose from the following:**

COM 225	Media Writing	4
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COM 226	Introduction to Scriptwriting for Motion Pictures and Television	4
COM 234	Topics in Communication	1-4
COM 325	Writing for Broadcast News	4
COM 346	Writing for Interactive Media	4
COM 383	Advertising Creative Direction	4
COM 384	Writing for Public Relations	4
ENG 370	Printing, Publishing and Book Arts	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 290	Special Topics in Journalism	4
JOU 371	Feature Writing	4
JOU 390	Advanced Special Topics in Journalism	4
WRI 200	Introduction to Creative Writing	4
WRI 210	Writing as a Means of Self-Discovery	4
WRI 212	Memoir and Autobiography	4
WRI 220	Digital Writing and Culture	4
WRI 230	Special Topics	1-4
WRI 240	Writing Drama	4
WRI 245	Yearbook Publication	2
WRI 247	Dramatic Writing for Radio and Alternative Performance	4
WRI 250	Poetry Writing I	4
WRI 260	Fiction Writing I	4
WRI 274	Creative Nonfiction	4
WRI 281	Technical Writing	4
WRI 350	Poetic Forms	4
WRI 351	Poetry Writing II	4
WRI 352	Special Topics in Writing	1-4
WRI 361	Fiction Writing II	4
WRI 362	Multigenre Creative Writing Seminar	4
WRI 365	Fiction Forms	4
WRI 374	Narrative Nonfiction	4
WRI 381	Professional Editing	4
WRI 450	Seminar in Poetry Writing	4
WRI 456	Directed Poetry Writing	1-4
WRI 460	Seminar in Fiction Writing	4
WRI 465	Directed Fiction Writing	1-4
WRI 470	Topics in Nonfiction	4
WRI 485	Directed Professional Writing	1-4
WRI 490	Writing Internship	1-10
WRI 242	Introduction to Publication Editing and Design	4

**Subtotal: 28**

Subtotal: 28

**Total Credit Hours: 28***Professional and Technical Writing Minor*

Writing is a foundational skill in most professional fields. The professional and technical writing minor provides guided practice in designing and producing the kinds of visual and verbal communication expected in the workplace. In this program, students prepare a vast array of deliverable in a variety of genres and media while learning the importance of process, audience analysis, user-centered design, visual rhetoric, strong grammar skills and professionalism. The professional and technical writing minor is a strong

pairing with majors in the sciences, humanities or any field where workplace writing is an expectation.

*Degree Requirements***Core Courses (8 credits)**

WRI 281	Technical Writing	4
WRI 381	Professional Editing	4

**Subtotal: 8****Electives (12 credits)**

Choose from the following list of courses.

CHE 233L	Organic Chemistry I Laboratory	1
CHE 235L	Organic Chemistry II Laboratory	1
CHE 420	Advanced Biochemistry	4
CHE 430	Advanced Instrumental Chemistry	4
CHE 430L	Advanced Instrumental Chemistry Laboratory	0
CHE 451	Capstone Chemical Research	1-2
CHE 460	Introduction to Forensic Research	1-4
COM 225	Media Writing	4
COM 232	Visual Literacy	4
COM 301	Introduction to Organizational Communication	4
COM 302	Digital Media and Design for Communication	4
COM 315	Web Design	4
COM 327	Communication and Law	4
ENG 205	Advanced English Grammar	4
ENG 370	Printing, Publishing and Book Arts	4
JOU 271	News Reporting and Writing	4
JOU 273	Practicum in Student Publications	1-4
JOU 371	Feature Writing	4
LJA 211	Legal Research and Writing	4
WRI 200	Introduction to Creative Writing	4
WRI 220	Digital Writing and Culture	4
WRI 230	Special Topics	1-4
WRI 242	Introduction to Publication Editing and Design	4
WRI 245	Yearbook Publication	2
WRI 376	Advanced Publication Practicum	4
WRI 385	Visual Rhetoric and Design	4
WRI 485	Directed Professional Writing	1-4
WRI 490	Writing Internship	1-10

**Subtotal: 12****Total Credit Hours: 20****Department of Film, Animation and New Media**

**Faculty:** Associate Professor Walker, Chair; Professor Plays; Associate Professors; Echeverry, Perkins, Assistant Professors; Curry, Gonçalves, Assistant Teaching Professor; Ridlen.

The Department of Film, Animation and New Media aims to prepare filmmakers and visual producers to participate in the vanguard of the 21st century. In keeping with the mission of The University of Tampa, students learn by doing and thinking with courses in studio production, using state-of-the-art facilities,

computer labs, digital cameras and production suites. Designed to foster creative expression and professional technique, the curriculum includes hands-on studio classes in narrative, documentary, experimental and animation filmmaking; screenwriting; producing; and digital media and imaging; 3D animation, printing and modeling; digital and interactive media; and experimental computing. Each program includes courses in critical studies structured to educate, challenge, and inspire future professionals.

**Degree Programs in Film, Animation and New Media**

- BFA in Film and Media Arts
- B.A. in Film and Media Arts
- Minor in Film and Media Arts

**BFA in Animation**

- Minor in Animation
- BFA in New Media
- Minor in New Media
- Minor in Digital Media
- Minor in Interactive Media

*Animation*

*BFA in Animation*

The Bachelor of Fine Arts (BFA) in Animation is a professional degree program focusing on 2D and 3D computer animation, motion effects, CGI, and visual and advanced software applications. Development of visualization skills, creativity, coding, 3D modeling and printing, rigging, illustration and storytelling form the cornerstone of the program. The focus is on creative growth through intense exploration of a wide range of animation techniques, coupled with direct use of contemporary industry standards. The digital tools used in the program offer a range of potential experience, from commercial animations and visual effects, to producing content for interactive and immersive applications. Professional internships are available and encouraged. The program culminates with a senior project capstone class where students develop individual or collective industry standard animations or projects to be included in their professional reels and portfolios, as well as archived in the UT library's institutional repository.

*Degree Requirements*

**Foundations Requirements**

FMX 207	Digital Drawing	4
FMX 210	Digital Media	4
FMX 217	3D Animation I	4
FMX 240	Screenwriting Fundamentals	4
FMX 241	Sound, Image and Motion	4

**Subtotal: 20**

**Animation Core**

FMX 213	3D Printing and Modeling	4
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FMX 238	2D Animation I	4
FMX 310	Creative Coding	4
FMX 315	3D Sculpting	4
FMX 317	3D Animation II	4
FMX 320	Animation for Interactivity and Games	4
FMX 321	Motion Capture	4
FMX 322	Visual Effects	4
FMX 338	2D Animation II	4

**Subtotal: 36**

**Media History and Theory Core**

FMX 201	World Animation	4
FMX 211	Media Arts: History and Theory	4
ART 357	Modern Art	4

**Subtotal: 12**

**Seminar, Review & Thesis**

FMX 298	Professional Seminar	2
FMX 398	Junior Portfolio Review	0
FMX 499	Senior Project in FMX	4

**Subtotal: 6**

**Electives (4 credit hours from the following):**

FMX 311	UX/UI User Experience & User Interaction	4
FMX 314	Experimental Filmmaking	4
FMX 324	Cinematography	4
FMX 328	Sound in Media	4
FMX 339	Game Design and Production	4
FMX 341	Screenwriting Shorts	4
FMX 343	Advanced Post-Production	4
FMX 350	Virtual Production	4
FMX 374	Internship in FMX	1-4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 392	Independent Study in FMX	1-4
FMX 410	Special Topics in Digital and New Media	1-6
FMX 417	Special Topics in Animation	1-6
FMX 463	Multimedia Installation	4
FMX 492	Independent Study in FMX	1-4

**Subtotal: 4**

Subtotal: 78

**Total Credit Hours: 78**

*Animation Minor*

The minor in animation offers students the opportunity to learn core principles and techniques in traditional, contemporary and experimental 2D and 3D animation while also studying the history, theory of worldwide animation practice. The skills and knowledge acquired through study and application in the minor may be applied to character and environment development for personal short projects,

3D printing, game development, visual effects for film, animation production for film and television, plus all applications of virtual simulation.

### Requirements

#### Foundation (16 Credits):

FMX 201	World Animation	4
FMX 210	Digital Media	4
FMX 217	3D Animation I	4
FMX 238	2D Animation I	4

**Subtotal: 16**

#### Electives (8 Credits):

FMX 207	Digital Drawing	4
FMX 310	Creative Coding	4
FMX 315	3D Sculpting	4
FMX 317	3D Animation II	4
FMX 320	Animation for Interactivity and Games	4
FMX 321	Motion Capture	4
FMX 322	Visual Effects	4
FMX 338	2D Animation II	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2

**Subtotal: 8**

Subtotal: 24

**Total Credit Hours: 24**

### Film and Media Arts

#### BFA in Film and Media Arts

The Bachelor of Fine Arts (BFA) in film and media arts is a professional degree program with a focus on hands-on production of documentary, narrative and experimental films using state of the art motion picture cameras and post production facilities. The robust curriculum includes a broad array of courses in production and post-production, as well as cinema studies, art history, screenwriting and more, designed to prepare students for the professional industry in the roles of director, producer, editor, special effects artist, sound designer, screenwriter and/or independent filmmakers — from the vantage point informed thinkers and artists within the field. Elective offerings allow students the flexibility to explore coursework in their area of interests. Students create a short format thesis film as a capstone experience in the major, that screens in the University's Reeves or Falk Theater, and is film festival eligible. A digital copy of the approved project must be submitted to the UT library's institutional repository. Visit <http://libguides.utopia.ut.edu/Thesis> for submission procedures.

Bachelor of Fine Arts in Film and Media Arts (78 Credits)

### Degree Requirements

#### Foundations Production Core Requirements

FMX 210	Digital Media	4
FMX 240	Screenwriting Fundamentals	4
FMX 241	Sound, Image and Motion	4
FMX 298	Professional Seminar	2

**Subtotal: 14**

#### Upper Division Production Core Requirements

FMX 312	Narrative Production	4
FMX 313	Documentary Production	4
FMX 314	Experimental Filmmaking	4
FMX 331	The Creative Triangle	4
FMX 342	Producing Motion Pictures and Digital Media	4
FMX 343	Advanced Post-Production	4
FMX 398	Junior Portfolio Review	0
FMX 460	Senior Seminar in Film and Digital Production	4

**Subtotal: 28**

#### Art & Film History Requirements

FMX 211	Media Arts: History and Theory	4
COM 260	American Cinema	4
COM 261	World Cinema	4

**Subtotal: 12**

#### Electives (24 credit hours from the following):

FMX 207	Digital Drawing	4
FMX 213	3D Printing and Modeling	4
FMX 217	3D Animation I	4
FMX 238	2D Animation I	4
FMX 311	UX/UI User Experience & User Interaction	4
FMX 317	3D Animation II	4
FMX 320	Animation for Interactivity and Games	4
FMX 321	Motion Capture	4
FMX 322	Visual Effects	4
FMX 324	Cinematography	4
FMX 328	Sound in Media	4
FMX 338	2D Animation II	4
FMX 340	Screenwriting Development	4
FMX 341	Screenwriting Shorts	4
FMX 350	Virtual Production	4
FMX 363	Webisode Production and Distribution	4
FMX 374	Internship in FMX	1-4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 385	Special Topics in FMX	4
FMX 392	Independent Study in FMX	1-4
FMX 410	Special Topics in Digital and New Media	1-6
FMX 417	Special Topics in Animation	1-6
FMX 440	Screenwriting Features	4
FMX 463	Multimedia Installation	4

FMX 492	Independent Study in FMX	1-4
		<b>Subtotal: 24</b>

Subtotal: 78

**Total Credit Hours: 78**

*B.A. in Film and Media Arts*

The Bachelor of Arts (B.A.) in Film and Media Arts is a liberal arts program that combines critical studies with production experiences and provides students with a foundation of theory and application. Blending creative expression with technology, students study critical perspectives and practice implementing techniques in emerging (digital) formats. Courses cover narrative, documentary and experimental forms and utilize both single- and multiple-camera approaches. Students must take a minimum of 56 credit hours to fulfill the requirements of the major.

The curriculum is divided into five categories. (1) Foundations: students must take all listed courses (12 credit hours); (2) Production: students select 16 credit hours as described below; (3) Critical Studies: students take both American Cinema and World Cinema along with two more courses, for 16 credit hours; (4) Capstone Senior Seminar: required in either Film and Digital Production or Cinema Studies (4 credit hours); (5) Electives: students select 8 credit hours of electives, as listed in that section. A digital copy of the approved project must be submitted to the UT library's institutional repository. Visit <http://libguides.utopia.ut.edu/Thesis> for submission procedures.

*Degree Requirements*

**Foundations Requirements**

COM 232	Visual Literacy	4
FMX 240	Screenwriting Fundamentals	4
FMX 241	Sound, Image and Motion	4

**Subtotal: 12**

**Production (16 Credit Hours)**

Two of the following:		
FMX 312	Narrative Production	4
FMX 313	Documentary Production	4
FMX 314	Experimental Filmmaking	4
Two of the following:		
FMX 331	The Creative Triangle	4
FMX 340	Screenwriting Development	4
FMX 342	Producing Motion Pictures and Digital Media	4
FMX 343	Advanced Post-Production	4

**Subtotal: 16**

**Critical Studies (16 credit hours)**

COM 260	American Cinema	4
COM 261	World Cinema	4
Two of the following:		
COM 300	The Documentary Tradition	4
COM 335	Survey of Independent Video and Film	4
COM 360	Film Directors	4

COM 361	Film Genres	4
COM 370	Women, Film and Popular Culture	4
COM 390	Ethnicity in Film and Literature (Honors)	4
COM 435	Women Directors: Theory and Criticism	4
COM 445	The Image and the Reality	4
COM 450	Experimental Cinema: History and Theory	4
COM 455	Film Theory and Criticism	4
COM 467	Advanced Film Analysis	4

**Subtotal: 16**

**Capstone Senior Seminar (4 credit hours)**

Students must take one capstone course that involves either a film or digital production or a paper in cinema studies.

FMX 460	Senior Seminar in Film and Digital Production	4
COM 465	Senior Seminar in Cinema Studies	4

**Subtotal: 4**

**Electives (8 credit hours from the following):**

FMX 217	3D Animation I	4
FMX 238	2D Animation I	4
FMX 311	UX/UI User Experience & User Interaction	4
FMX 317	3D Animation II	4
COM 303	Studio Television I	4
COM 315	Web Design	4
FMX 320	Animation for Interactivity and Games	4
FMX 321	Motion Capture	4
FMX 322	Visual Effects	4
FMX 324	Cinematography	4
FMX 328	Sound in Media	4
FMX 341	Screenwriting Shorts	4
COM 333	Studio TV II	4
COM 348	Writing the Situation Comedy	4
FMX 363	Webisode Production and Distribution	4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 440	Screenwriting Features	4
MUS 108	Recording and Electronic Music I	4
MUS 109	Recording and Electronic Music II	4
PHL 308	Film Aesthetics	4
WRI 240	Writing Drama	4

**Subtotal: 8**

Subtotal: 56

Subtotal: 56

**Total Credit Hours: 56**

*Film and Media Arts Minor*

The film and media arts minor requires a minimum of 24 credit hours.



The film and media arts minor offers students the opportunity to explore professional coursework in film and digital production for motion pictures and dramatic television. Classes provide experience in hands-on cinematography with film and digital cameras, location audio, non-linear editing, script writing and producing. Completed coursework meets requirements within the film and media arts major, and would therefore provide a base for a student to transition into the major. All students are welcome to enroll.

### Degree Requirements

#### Foundations Requirements

FMX 211	Media Arts: History and Theory	4
FMX 240	Screenwriting Fundamentals	4
FMX 241	Sound, Image and Motion	4
FMX 342	Producing Motion Pictures and Digital Media	4

**Subtotal: 16**

#### (8 credits)

FMX 312	Narrative Production	4
FMX 313	Documentary Production	4
FMX 314	Experimental Filmmaking	4
FMX 324	Cinematography	4
FMX 328	Sound in Media	4
FMX 340	Screenwriting Development	4
FMX 341	Screenwriting Shorts	4
FMX 363	Webisode Production and Distribution	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 440	Screenwriting Features	4

**Subtotal: 8**

**Total Credit Hours: 24**

### New Media

#### BFA in New Media

The Bachelor of Fine Arts (BFA) in New Media is a professional program that focuses on the production of digital new media, interactive games, intelligent environments, virtual and augmented realities, virtual film production, music, and multimedia installation for experimental, artistic and professional intent. The curriculum includes courses in new and interactive media including game design and production, virtual production, creative coding, electronic music and multimedia installation. In the final semester, students produce an industry-standard thesis project to be presented publicly and archived in the UT library's institutional repository.

### Degree Requirements

#### Foundations

FMX 210	Digital Media	4
FMX 241	Sound, Image and Motion	4
CSC 101	The Science of Computing I	4

CSC 102	The Science of Computing II	4
MUS 108	Recording and Electronic Music I	4

**Subtotal: 20**

#### Seminar, Junior Review, Thesis

FMX 298	Professional Seminar	2
FMX 398	Junior Portfolio Review	0
FMX 499	Senior Project in FMX	4

**Subtotal: 6**

#### Interdisciplinary Core

FMX 217	3D Animation I	4
FMX 310	Creative Coding	4
FMX 311	UX/UI User Experience & User Interaction	4
FMX 320	Animation for Interactivity and Games	4
FMX 339	Game Design and Production	4
FMX 430	Spatial Computing	4
FMX 463	Multimedia Installation	4
COM 346	Writing for Interactive Media	4
	One of the following:	
MUS 301	Interactive Arts Ensemble	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1

**Subtotal: 33**

#### History and Theory

FMX 201	World Animation	4
FMX 211	Media Arts: History and Theory	4
	One of the following:	
COM 323	Digital Communication and Society	4
FMX 382	Global Perspectives in Film and New Media	2,4
MUS 370	Music in Film and Games	3

**Subtotal: 11-12**

#### Electives (8 credit hours from the following):

FMX 207	Digital Drawing	4
FMX 213	3D Printing and Modeling	4
FMX 238	2D Animation I	4
FMX 315	3D Sculpting	4
FMX 317	3D Animation II	4
FMX 320	Animation for Interactivity and Games	4
FMX 322	Visual Effects	4
FMX 324	Cinematography	4
FMX 328	Sound in Media	4
FMX 338	2D Animation II	4
FMX 343	Advanced Post-Production	4
FMX 350	Virtual Production	4
FMX 374	Internship in FMX	1-4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 385	Special Topics in FMX	4
FMX 392	Independent Study in FMX	1-4
FMX 410	Special Topics in Digital and New Media	1-6

FMX 417	Special Topics in Animation	1-6
FMX 492	Independent Study in FMX	1-4
CSC 201	Data Structures and Algorithm Analysis	4
CSC 230	Software Design and Engineering	4
MUS 109	Recording and Electronic Music II	4
MUS 210	Concert Recording Practicum	2

**Subtotal: 8**

Subtotal: 78

**Total Credit Hours: 78**

*New Media Minor*

The New Media minor offers students the opportunity to explore the aesthetics and production of new digital media, games, sound design, virtual production and multimedia installation for experimental, artistic and professional intent.

*Degree Requirements*

**Foundations (16 Credits)**

FMX 210	Digital Media	4
FMX 211	Media Arts: History and Theory	4
FMX 213	3D Printing and Modeling	4
FMX 311	UX/UI User Experience & User Interaction	4

**Subtotal: 16**

**Electives (8 Credits)**

FMX 241	Sound, Image and Motion	4
FMX 310	Creative Coding	4
FMX 321	Motion Capture	4
FMX 328	Sound in Media	4
FMX 339	Game Design and Production	4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 430	Spatial Computing	4
FMX 463	Multimedia Installation	4
MUS 108	Recording and Electronic Music I	4
MUS 301	Interactive Arts Ensemble	0-1

**Subtotal: 8**

Subtotal: 24

**Total Credit Hours: 24**

*Digital Media Minor*

The digital media minor offers students courses in artistic practices and aesthetics utilizing digital media software and techniques applicable to elective courses in animation, visual effects, game design and production and more. Prerequisite limit: Students may choose one minor offered by the FMX Department.

*Degree Requirements*

**Required Courses:**

FMX 210	Digital Media	4
FMX 211	Media Arts: History and Theory	4
FMX 241	Sound, Image and Motion	4
FMX 310	Creative Coding	4

**Electives (8 credit hours from the following):**

FMX 207	Digital Drawing	4
FMX 213	3D Printing and Modeling	4
FMX 311	UX/UI User Experience & User Interaction	4
FMX 328	Sound in Media	4
FMX 381	Digital Imaging	4
FMX 382	Global Perspectives in Film and New Media	2,4
FMX 382A	Global Perspectives in Film and New Media Travel Course	2
FMX 463	Multimedia Installation	4

**Subtotal: 24**

Subtotal: 24

**Total Credit Hours: 24**

*Interactive Media Minor*

The interactive media minor aims to prepare a new generation of innovators and leaders in the field of interaction design. The multidisciplinary curriculum provides a foundation in interactive digital media and students choice of one elective area in either Interactive 3D Animation, Multimedia Installation, or Game Design and Production.

*Degree Requirements*

**Required Foundation**

FMX 210	Digital Media	4
FMX 211	Media Arts: History and Theory	4
FMX 310	Creative Coding	4
FMX 311	UX/UI User Experience & User Interaction	4

**Subtotal: 16**

**Electives (Choose 8 Credits from One Elective Area):**

Interactive 3D Animation		
FMX 217	3D Animation I	4
And one of the following courses:		
FMX 320	Animation for Interactivity and Games	4
FMX 321	Motion Capture	4

**Subtotal: 8**

Multimedia Installation		
FMX 241	Sound, Image and Motion	4
And one of the following courses:		
FMX 322	Visual Effects	4
FMX 328	Sound in Media	4
FMX 463	Multimedia Installation	4

**Subtotal: 8**

Game Design and Production		
FMX 310	Creative Coding	4
And one of the following courses:		
FMX 339	Game Design and Production	4
FMX 430	Spatial Computing	4

**Subtotal: 8**

Subtotal: 24

**Total Credit Hours: 24**

## Department of Languages and Linguistics

**Faculty:** Professors: Associate Professor DeMil (Chair); Professors Hidalgo-Calle and López; Associate Professors Aubry and Rukholm; Assistant Teaching Professor Miller.

The mission of the Department of Languages and Linguistics is to foster the foreign language proficiency and cultural awareness required for well-rounded individuals prepared to succeed in an increasingly integrated world community.

The department strives for excellence in instruction through an eclectic yet integrated variety of pedagogical methods, including classroom and independent study, individualized learning and research projects, field experiences and service learning, innovative use of technology in the Language Learning Center, campus programs, internships, and opportunities to study abroad. Foreign language courses, by virtue of their cultural content and communicative focus, broaden the career possibilities open to students and are especially beneficial for those who are interested in graduate study or employment in an increasingly global economy. Therefore, the department encourages combining language study with coursework in other disciplines.

Through its course offerings, the department assists students in realizing the following objectives, which reflect the University-wide goal of fostering greater international competency as embodied in the quality enhancement plan and certificate of international studies:

- To attain proficiency in one or more foreign languages and develop the ability to function successfully in other cultures while traveling, studying, and living or working abroad through the study of conversation, composition, language structure, phonetics, literature, civilization and culture.
- To conduct independent research in a second language, demonstrate comparative knowledge of different cultures and cultural variations within language groups and understand the importance of geography, politics, and history in the acquisition of both verbal and non-verbal communicative competency.
- To arrive at a better and more profound understanding of one's culture through a greater awareness and understanding of other cultures.

A number of options for both introductory and advanced study are available to students, including a major in Spanish, a minor in Spanish and French, coursework in other languages, and linguistics and language for special purposes. The department also

contributes key courses to the Latin American studies and Asian studies minors and provides courses and additional support for various majors and graduate programs.

Once a student has taken a course at the 300 or 400 level, they cannot enroll in a 200-level course or below. Additionally, at the 100 and 200 levels, courses must be taken in sequence. For example, a student cannot enroll in 101 after having completed 102 or in 201 after having completed 202.

### *Languages and Linguistics*

A variety of language and linguistics courses are available to the University and community at large to provide language training for specific purposes, such as language for travel or language for special purposes (legal, medical, business). Coursework in other languages such as Chinese, Japanese, German, Arabic, Portuguese and American Sign Language is also offered.

## University of Tampa - Paris Summer Program

Over the summer, students participate in a three-week faculty led travel course to Paris studying the history of France by examining the architectural development of the City of Lights throughout the centuries. The city, its monuments and lesser-known landmarks are discussed in class in chronological fashion and then visited in Paris, with an emphasis placed on how Parisians interact daily with their history and how frames their mindset in the process. The course enables students to experience these interactions and therefore, better comprehend Paris and the French way of life.

UT in Paris is open to students who have completed elementary level coursework or are able to demonstrate equivalent skill. The program includes lodging in Paris, airfare, metro fares, excursions in Paris, and day-trips to Versailles and medieval city of Rouen in Normandy.

## University of Tampa - Italy Summer Program

Over the summer, students participate in a two-week faculty-led travel course to Italy studying the bel paese's history, culture, and art and emphasizing the political, religious, and artistic currents that contributed to Italy's particular place of importance in the Renaissance. Historic landmarks, monuments, and works of art, as well as influential thinkers, leaders, and artists are examined in class and once they are in Italy, students are then better able to understand and appreciate how these people and places have contributed to shaping Italy and Italians. Development of intercultural competence through this course will

also allow students to both gain a deeper understanding of and appreciation for Italians' way of life as well as better navigate daily interactions in Italy. UT in Italy is open to all UT students, regardless of Major. The program includes lodging in Italy, return airfare, in-country transportation, meals, and excursions in Italy.

**Applied Linguistics Minor**

The minor in applied linguistics provides students with interdisciplinary opportunities to study a wide range of practical and theoretical applications of language studies which includes second and foreign language teaching and learning as well as TESOL (Teaching English to Speakers of Other Languages).

Students interested in studying the applied linguistics minor may be interested in learning languages as well as teaching second and foreign languages, including TESOL, at home and abroad. Students may also be interested in pursuing graduate studies in one of the many branches of linguistics as well as TESOL and second and foreign language teaching.

**Degree Requirements**

**Requirements for an Applied Linguistics Minor**

ENG 205	Advanced English Grammar	4
ENG 343	Approaches to TESOL and Teaching Second and Foreign Languages	4
LIN 210	Basic Linguistics	4
LIN 320	Second-Language Acquisition	4
LIN 330	Introduction to Sociolinguistics	4
	Foreign Language	4

**Subtotal: 24**

Subtotal: 24

**Total Credit Hours: 24**

**Spanish**

**Spanish Major**

A major in Spanish at UT is designed to give students flexible options as liberal arts graduates, including graduate or professional schools and a variety of career opportunities. Spanish majors are required to take a yearly proficiency exam designed to assess the progression of their listening, speaking, reading and writing skills, as well as their cultural awareness. All Spanish majors are required to complete a capstone experience worth 2 credits during their senior year in one of the following areas: linguistics, literature, second-language acquisition or cultural studies under the guidance of a full-time faculty member of the Department of Languages and Linguistics. The capstone must be completed at UT, not during study abroad.

It is strongly recommended that all Spanish majors study abroad for either a full semester or extended

summer program in Spain or Latin America, either through the department or in consultation with the student's major advisor.

Once a student has taken a course at the 300 or 400 level, they cannot enroll in a 200-level course or below. Additionally, at the 100 and 200 levels, courses must be taken in sequence. For example, a student cannot enroll in 101 after having completed 102 or in 201 after having completed 202.

**Degree Requirements**

A yearly proficiency exam is required for all majors to assess their progress in speaking, listening, reading, writing and cultural awareness.

**One of the following:**

SPA 421	Spanish Culture and Civilization I	4
SPA 422	Latin American Civilization and Culture	4

**Subtotal: 4**

**One of the following:**

SPA 431	Spanish Literature through the Golden Age	4
SPA 432	Spanish Literature from the 19th Century until Today	4

**Subtotal: 4**

**One of the following:**

SPA 435	Latin American Literature	4
SPA 436	The Latin American Novel	4

**Subtotal: 4**

**Capstone**

SPA 499	Research Capstone	2
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**Subtotal: 2**

**One of the following:**

LIN 210	Basic Linguistics	4
LIN 320	Second-Language Acquisition	4
SPA 307	The Structure of Modern Spanish	4

**Subtotal: 4**

**Electives**

General elective (200 level or above)	4
General elective (200 level or above)	4
General elective (300 level or above)	4
General elective (300 level or above)	4
General elective (300 level or above)	4
General elective (300 level or above)	4

**Subtotal: 24**

Subtotal: 42

**Total Credit Hours: 42**

**Spanish Minor**

**Total Credit Hours: 24**

Twenty-four credit hours at the 200 level or higher are required for a minor in Spanish. At least 12 of the 24 credits must be earned at The University of Tampa. SPT 250/SPT 251 may not be counted toward the minor. Students whose native language is Spanish may not enroll in courses below the 300 level.

Once a student has taken a course at the 300 or 400 level, they cannot enroll in a 200-level course or below.

Additionally, at the 100 and 200 levels, courses must be taken in sequence. For example, a student cannot enroll in 101 after having completed 102 or in 201 after having completed 202.

### French

#### French Minor

##### Total Credit Hours: 24

Twenty-four credit hours at the 200 level or higher are required for a minor in French. At least 12 of the 24 credits must be earned at The University of Tampa. FRT 250 may not be counted toward the minor. Students whose native language is French may not enroll in courses below the 300 level.

Once a student has taken a course at the 300 or 400 level, they cannot enroll in a 200-level course or below. Additionally, at the 100 and 200 levels, courses must be taken in sequence. For example, a student cannot enroll in 101 after having completed 102 or in 201 after having completed 202.

#### Latin American Studies

**Faculty:** Professor López (Languages), Co-Coordinator; Associate Professor Rey (Political Science), Co-Coordinator

#### Latin American Studies Minor

The Latin American studies minor is designed to internationalize a number of existing majors by introducing students to the history, culture, politics and economics of Latin America and the Caribbean from an interdisciplinary perspective. Students who pursue the Latin American studies minor must complete 24 credit hours of courses chosen from the following list of approved courses. The Latin American studies minor will help students prepare for careers in government, business, academia and NGOs, as well as for graduate school in multiple disciplines.

#### Requirements for a minor in Latin American studies

24 credit hours, distributed as follows from lists (A) through (C)

#### Degree Requirements

##### A. Latin American history, politics and society requirement

PSC 342	The Political Economy of Latin America	4
SPA 422	Latin American Civilization and Culture	4
PSC 206	Contemporary Latin America	4
HIS 322	Spanish Caribbean and its Diasporas	4
HIS 236	Latin America	4

**Subtotal: 8-16**

##### B. Language requirement

SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4
SPA 105	Elementary Spanish Review	4

SPA 201	Intermediate Spanish I	4
SPA 202	Intermediate Spanish II	4
SPA 300	Advanced Spanish I	4
SPA 301	Advanced Spanish II	4
SPA 311	Commercial Spanish	4
SPA 331	Reading Literature	4

**Subtotal: 8**

##### C. Latin American studies electives

HIS 206	Slavery and Racism in the Early Americas: A Comparative Perspective	4
ART 271	Pre-Columbian	4
SPT 251	Latin American Literature in English Translation	4
SPA 320	Hispanic Cinema	4
SPA 435	Latin American Literature	4
SPA 436	The Latin American Novel	4
SPA 441	Hispanic Women Writers	4
HIS 205	Native American Histories: Colonialism and Resistance	4
HIS 212	Witchcraft and Magic in the Early Modern Atlantic World	4
HIS 323	Age of Revolutions in the Americas	4

**Subtotal: 8-16**

#### The following Honors and/or Travel Courses are offered on a four-year rotation and may count toward the electives portion of the minor.

HIS 219	Mistaken Identities: Myths and Realities of the New World Encounter	4
SPT 251	Latin American Literature in English Translation	4
SPT 265	Revolutionary Cuba: The Politics of Culture and the Culture of Politics (Honors)	4
PSC 353	Cuba and the U.S.: Then and Now	4

**Subtotal: 24-40**

Subtotal: 48-80

**Total Credit Hours: 24**

## Department of Music

**Faculty:** Associate Professor Hebert, Chair; Professor Zamparas, Associate Professors Blackburn, Jung; Assistant Professors Heminger, McDannald

#### Accreditation

The University of Tampa is an accredited institutional member of the National Association of Schools of Music. Mission

The mission of the Department of Music is as follows:

1. To prepare music majors for professional careers or graduate study in music.
2. To provide non-music-major students with deeper understanding of music, and opportunities for participation.
3. To provide music training for those students who need musical knowledge, skills and understanding in their chosen fields.

4. To enrich the academic and cultural life of the University community and the Baccalaureate Experience.
5. To serve the greater community through public performance, educational outreach and scholarly creativity.
6. To provide opportunities for professionals in the field to return to school to refresh and sharpen their skills, to update their credentials and to take advantage of workshops for themselves and their students.

#### Degrees Offered

- Bachelor of Music in Music Education
  - Instrumentalist track
  - Vocalist track
- Bachelor of Music in Performance
  - Instrumentalist track
  - Vocalist track
- Bachelor of Arts in Music
  - Technologist track
  - Instrumentalist track
  - Vocalist track
- Bachelor of Fine Arts in Musical Theatre, offered collaboratively with the Department of Speech, Theatre and Dance.

The Department of Music also participates in the Bachelor of Fine Arts in New Media degree program, offered by the Department of Film, Animation and New Media.

#### *Admission Requirements*

##### Auditions (Instrumentalists and Vocalists)

A successful music audition on a primary applied instrument or voice is required for admission to the Bachelor of Music in Music Education, Bachelor of Music in Performance, Bachelor of Arts in Music (Instrumentalist or Vocalist Tracks only), the Bachelor of Fine Arts in Musical Theatre, and the minor in music. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

##### Admission (Technologists)

Students who are pursuing the Technologist track of the Bachelor of Arts in Music degree are not required to audition, and are considered admitted for the Technologist track of the Bachelor of Arts in Music degree upon acceptance to the University.

##### Transfer Students

Transfer students who plan to audition for the Bachelor of Music in Music Education or the Bachelor of Music in Performance degree programs, and who have completed four semesters of applied lessons in their primary performance area, should demonstrate

performance competency equivalent to the requirements of the Upper Division Performance Evaluation. Transfer students can obtain a list of these requirements in advance of their audition by contacting [music.audition@ut.edu](mailto:music.audition@ut.edu).

##### Music Education (Additional Requirements for Admittance)

Admitted Bachelor of Music in Music Education students are required to:

- Take the Florida General Knowledge Test in the summer prior to entering UT. (The University of Tampa must be designated as a score recipient with the testing agency.)
- Attain Level II clearance (background check and fingerprinting) through Hillsborough County Schools during the first six weeks of the entering semester. Paperwork and guidance through this process will be provided to students at the beginning of each semester.
- Enroll in and pass MUS 205 Intro to Music Education, Human Development and Diversity during their first fall semester.

#### *Music Ensembles*

Students from any major are encouraged to perform in Music Department ensembles and to enroll in other music courses. Music courses may be used to fulfill the Humanities/Fine Arts component of the Baccalaureate Experience requirements. Any music course may be used, although a maximum of four credit hours of studio/performance-oriented courses (e.g., Studio Lessons or ensembles) may be used to satisfy this requirement. Music courses may also fulfill the Art/Aesthetic component of the Baccalaureate Experience requirements, when specified in the catalog.

Ensembles may be taken for 0 credit if the student's total semester load is 18 credits or more. MUS 245 may count as an ensemble when described as an ensemble course. For assistance with enrollment in Music Department ensembles, contact [music@ut.edu](mailto:music@ut.edu).

#### *Course listings*

##### **Music Ensembles**

MUS 192	World Music Drumming Ensemble	0-1
MUS 245	Special Project in Music	1-4
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1

MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

### Studio Lessons

#### Availability

Studio Lessons offered by the Music Department are open to all students with prior musical experience. Enrollment access is prioritized on the following basis: (1) music majors, (2) music minors, (3) other full-time University students with demonstrated proficiency, (4) part-time University students with demonstrated proficiency.

#### Concurrent Ensemble Enrollment

Enrollment in a Music Department ensemble related to the performance area of the Studio Lesson is a concurrent requisite for all Studio Lessons.

#### Credit, Applied Music Fee, and Time Requirements

Studio Lessons are 25 minutes per week for 1 credit hour or 50 minutes per week for 2 credit hours. An additional applied music fee (\$100/credit hour) is charged for Studio Lessons. Students taking Studio Lessons are expected to practice for one hour a day for each hour of credit being received.

#### Scheduling

Students must contact their instructors during the first week of the semester to arrange for lesson times. Lessons begin the second week of each semester. Studio Lessons are not given during final exam periods. Individual lessons missed during the semester will not be made up unless notice is given to the instructor at least 24 hours before the absence.

#### Departmental Student Recital

Students taking 200-level Studio Lessons courses are required to perform in at least one Departmental Student Recital each semester.

#### Jury Exams

Students taking 100 or 200-level Studio Lessons are required to perform at the end of the semester before a group of faculty in the performance area of the Studio Lesson. A student giving a Junior or Senior Recital, or Senior Showcase, may be excused from the Jury Exam during the semester when the Junior or Senior Recital, or Senior Showcase, is being presented. Throughout the semester, students must document their activities in Studio Lessons using the Jury Exam Record Form, and submit the edited file by the assigned due date to music@ut.edu. Students excused from Jury Exams must still submit this form prior to the assigned due date.

#### 100-Level Piano, Voice, Classical Guitar

100-level Studio Lessons in Piano, Voice, and Classical Guitar require demonstrated proficiency or prior classroom instruction as follows: enrollment in MUS 150 requires a passing grade in MUS 111, or the piano proficiency exam; enrollment in MUS 151

requires a passing grade in MUS 115; MUS 167 requires a passing grade in MUS 116.

### Course listings

#### Studio Lessons

MUS 147	Studio Lessons: Organ	1
MUS 149	Studio Lessons: Harpsichord	1
MUS 150	Studio Lessons: Piano	1
MUS 151	Studio Lessons: Voice	1
MUS 152	Studio Lessons: Flute	1
MUS 153	Studio Lessons: Oboe	1
MUS 154	Studio Lessons: Clarinet	1
MUS 155	Studio Lessons: Bassoon	1
MUS 156	Studio Lessons: Saxophone	1
MUS 157	Studio Lessons: Trumpet	1
MUS 158	Studio Lessons: French Horn	1
MUS 159	Studio Lessons: Trombone	1
MUS 160	Studio Lessons: Euphonium	1
MUS 161	Studio Lessons: Tuba	1
MUS 162	Studio Lessons: Percussion	1
MUS 163	Studio Lessons: Violin	1
MUS 164	Studio Lessons: Viola	1
MUS 165	Studio Lessons: Cello	1
MUS 166	Studio Lessons: Double Bass	1
MUS 167	Studio Lessons: Classical Guitar	1
MUS 171	Studio Lessons: Harp	1
MUS 172	Studio Lessons: Contemporary Guitar	1
MUS 173	Studio Lessons: Contemporary Keyboard	1
MUS 174	Studio Lessons: Contemporary Bass	1
MUS 175	Studio Lessons: Contemporary Percussion	1
MUS 176	Studio Lessons: Contemporary Technology	1
MUS 247	Studio Lessons: Organ	2
MUS 249	Studio Lessons: Harpsichord	2
MUS 250	Studio Lessons: Piano	2
MUS 251	Studio Lessons: Voice	2
MUS 252	Studio Lessons: Flute	2
MUS 253	Studio Lessons: Oboe	2
MUS 254	Studio Lessons: Clarinet	2
MUS 255	Studio Lessons: Bassoon	2
MUS 256	Studio Lessons: Saxophone	2
MUS 257	Studio Lessons: Trumpet	2
MUS 258	Studio Lessons: French Horn	2
MUS 259	Studio Lessons: Trombone	2
MUS 260	Studio Lessons: Euphonium	2
MUS 261	Studio Lessons: Tuba	2
MUS 262	Studio Lessons: Percussion	2
MUS 263	Studio Lessons: Violin	2
MUS 264	Studio Lessons: Viola	2
MUS 265	Studio Lessons: Cello	2
MUS 266	Studio Lessons: Double Bass	2
MUS 267	Studio Lessons: Classical Guitar	2
MUS 271	Studio Lessons: Harp	2
MUS 272	Studio Lessons: Contemporary Guitar	2
MUS 273	Studio Lessons: Contemporary Keyboard	2

MUS 274	Studio Lessons: Contemporary Bass	2
MUS 275	Studio Lessons: Contemporary Percussion	2
MUS 276	Studio Lessons: Contemporary Technology	2

### *Upper Division Requirements*

#### Upper Division Performance Evaluation

- The Upper Division Performance Evaluation is required for Bachelor of Music in Music Education and Bachelor of Music in Performance degree candidates. It is not required for Bachelor of Arts in Music degree candidates.
- The Upper Division Performance Evaluation will be made no later than the fourth semester of Studio Lessons, and occurs during the end of the semester Jury Exam.
- Transfer students who have completed four semesters of applied lessons in their primary performance area, and have successfully auditioned, are not required to complete an Upper Division Performance Evaluation.
- Students must achieve an average grade of "B" or better to pass the evaluation. This grade will substitute for the Jury Exam portion of the student's final Studio Lessons grade for the semester.
- Students who do not pass with an average grade of "B" or better will need to retake the Upper Division Performance Evaluation during their next end of the semester Jury Exam. Students who do not pass for the second time may not continue in the Bachelor of Music degree program, but may instead change their major to the Bachelor of Arts in Music.
- Current performance requirements for the Upper Division Performance Evaluation are listed in the UT Music Student Handbook, available in the UT Music Department Blackboard course or by contacting [music@ut.edu](mailto:music@ut.edu).

#### Upper Division Music Education Application

Prior to their junior year, Bachelor of Music in Music Education degree candidates must submit an Upper Division Music Education Application in order to continue in the Bachelor of Music degree program. Transfer students are required to submit an Upper Division Music Education Application during their first semester of residence in order to continue in the Bachelor of Music in Music Education degree program. Application forms are available in the Music Department office, or from the Director of Music Education.

The following materials are required for the Upper Division Music Education Application:

1. Evidence of a 3.0 GPA that is certified by the Academic Advising Office

2. A student transcript (unofficial), indicating completion or pending completion of 30 credit hours by the end of the current semester
3. Documentation of passing scores on all portions of the Florida General Knowledge Exam
4. Two educator disposition assessment forms completed by UT music faculty
5. One letter of recommendation (not from a UT music faculty member)
6. The applicant's perspectives on education statement
7. The criminal record information form (for field placement purposes)
8. A signed cooperative learning agreement

### *Graduation Requirements*

#### Minimum Grade for MUS Courses in Major

All Bachelor of Music in Music Education, Bachelor of Music in Performance, and Bachelor of Arts degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

#### Recital/Concert Attendance

Bachelor of Music in Music Education, Bachelor of Music in Performance, and Bachelor of Arts in Music degree candidates (Instrumentalist or Vocalist tracks only) must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:

- 8+ semesters at UT = 6 semesters of passing MUS 269
- 7 semesters at UT = 5 semesters of passing MUS 269
- 6 semesters at UT = 4 semesters of passing MUS 269
- 5 semesters at UT = 3 semesters of passing MUS 269
- 4 semesters at UT = 2 semesters of passing MUS 269
- 3 semesters at UT = 1 semesters of passing MUS 269
- 2 semesters at UT = 1 semester of passing MUS 269

Students in the Technologist track of the Bachelor of Arts in Music degree must pass MUS 269 Recital/Concert Attendance one time only.

#### Language Requirements (Music Performance Majors - Vocalist Track Only)

Students in the Vocalist track of the Bachelor of Music in Performance degree are required to take courses in two different foreign languages selected from German, Italian or French. These courses may also be counted toward Baccalaureate Experience requirements.

#### Music Education Teacher Certification

Prior to their internship semester and/or graduation, all Bachelor of Music in Music Education degree candidates must submit documentation confirming the completion of the following items to the Director of Music Education:



1. 100 hours of field experience in K-12 classrooms, divided according to area of specialization
2. Passing scores on the two relevant Florida Teacher Certification Exams (FTCE): the Professional Education and Music K-12 exams

#### Music Exit Exam

Students in the Bachelor of Music in Music Education, Bachelor of Music in Performance, Bachelor of Arts in Music (Instrumentalist track) and Bachelor of Arts in Music (Vocalist track) degree programs are required to complete the Music Exit Exam prior to graduation. Students in the Bachelor of Arts in Music (Technologist track) degree program are not required to complete the Music Exit Exam. Students must take the Music Exit Exam during their final semester of study.

### *Bachelor of Music in Music Education (Instrumentalist Track)*

The Bachelor of Music in Music Education degree is designed for students desiring to teach music, and leads to Florida teacher certification in Music (K-12). From their first semester of study, students engage in a field-based program of courses that provides real teaching experiences through which students develop their educator skills and professional contacts. Concurrently, Music Education majors develop their personal musicianship and music knowledge-base with courses in music theory, aural skills, musicology, applied study, and performance in a variety of ensembles.

Students pursuing a Bachelor of Music in Music Education degree follow one of two tracks based on their primary applied area: Instrumentalist or Vocalist.

#### *Instrumentalist Track*

##### Auditions (Instrumentalist Track)

A successful music audition on the student's primary instrument is required for admission to the Instrumentalist track of the Bachelor of Music in Music Education degree. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

##### Transfer Students

Transfer students who plan to audition for the Bachelor of Music in Music Education degree program, and who have completed four semesters of applied lessons in their primary performance area, should demonstrate performance competency equivalent to the requirements of the Upper Division Performance Evaluation. Transfer students can obtain a list of these requirements in advance of their audition by contacting [music.audition@ut.edu](mailto:music.audition@ut.edu).

##### Music Education (Additional Requirements for Admittance)

Admitted Bachelor of Music in Music Education students are required to:

- Take the Florida General Knowledge Test in the summer prior to entering UT. (The University of

Tampa must be designated as a score recipient with the testing agency.)

- Attain Level II clearance (background check and fingerprinting) through Hillsborough County Schools during the first six weeks of the entering semester. Paperwork and guidance through this process will be provided to students at the beginning of each semester.
- Enroll in and pass MUS 205 Intro to Music Education, Human Development and Diversity during their first fall semester.
- All Bachelor of Music in Music Education degree candidates must enroll in MUS 209 Field Experience Seminar during each semester of enrollment.
- Applied Performance Requirements (Instrumentalist Track)

The Instrumentalist track of the Bachelor of Music in Music Education degree has the following applied performance requirements:

- Students must take at least twelve credits of 200-level Studio Lessons courses (MUS: 247-250, 252-267, 271-275) on their primary instrument.
- Students must take at least six ensemble courses (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit. At least two of these courses must be different ensembles. Music scholarship students may have additional ensemble requirements.
- Students must present a Junior Recital.
- Recital/Concert Attendance  
All Bachelor of Music in Music Education degree candidates must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:
  - 8+ semesters at UT = 6 semesters of passing MUS 269
  - 7 semesters at UT = 5 semesters of passing MUS 269
  - 6 semesters at UT = 4 semesters of passing MUS 269
  - 5 semesters at UT = 3 semesters of passing MUS 269
  - 4 semesters at UT = 2 semesters of passing MUS 269
  - 3 semesters at UT = 1 semesters of passing MUS 269
  - 2 semesters at UT = 1 semester of passing MUS 269
- Minimum Grade for MUS Courses in Major  
All Bachelor of Music in Music Education degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

##### Upper Division Performance Evaluation

- The Upper Division Performance Evaluation is required for all Bachelor of Music in Music Education degree candidates.
- The Upper Division Performance Evaluation will be made no later than the fourth semester of Studio

Lessons, and occurs during the end of the semester Jury Exam.

- Transfer students bringing in 60 or more credits, who have successfully auditioned, are not required to complete an Upper Division Performance Evaluation.
  - Students must achieve an average grade of "B" or better to pass the evaluation. This grade will substitute for the Jury Exam portion of the student's final Studio Lessons grade for the semester.
  - Students who do not pass with an average grade of "B" or better will need to retake the Upper Division Performance Evaluation during their next end of the semester Jury Exam. Students who do not pass for the second time may not continue in the Bachelor of Music degree program, but may instead change their major to the Bachelor of Arts in Music.
  - Current performance requirements for the Upper Division Performance Evaluation are listed in the UT Music Student Handbook, available in the UT Music Department Blackboard course or by contacting [music@ut.edu](mailto:music@ut.edu).
- Upper Division Music Education Application

Prior to their junior year, Bachelor of Music in Music Education degree candidates must submit an Upper Division Music Education Application in order to continue in the Bachelor of Music degree program. Transfer students are required to submit an Upper Division Music Education Application during their first semester of residence in order to continue in the Bachelor of Music in Music Education degree program. Application forms are available in the Music Department office, or from the Director of Music Education.

The following materials are required for the Upper Division Music Education Application:

1. Evidence of a 3.0 GPA that is certified by the Academic Advising Office
  2. A student transcript (unofficial), indicating completion or pending completion of 30 credit hours by the end of the current semester
  3. Documentation of passing scores on all portions of the Florida General Knowledge Exam
  4. Two educator disposition assessment forms completed by UT music faculty
  5. One letter of recommendation (not from a UT music faculty member)
  6. The applicant's perspectives on education statement
  7. The criminal record information form (for field placement purposes)
  8. A signed cooperative learning agreement Music Education Teacher Certification
- Prior to their internship semester and/or graduation, all Bachelor of Music in Music Education degree

candidates must submit documentation confirming the completion of the following items to the Director of Music Education:

1. 100 hours of field experience in K-12 classrooms, divided according to area of specialization
2. Passing scores on the two relevant Florida Teacher Certification Exams (FTCE): the Professional Education and Music K-12 exams  
 Music Exit Exam  
 Bachelor of Music in Music Education degree candidates are required to complete the Music Exit Exam prior to graduation. Students must take the Music Exit Exam during their final semester of study.

**Education**

MUS 205	Intro to Music Education, Human Development and Diversity	3
MUS 209	Field Experience Seminar	0
MUS 390	Reading and Teaching Music - Elementary	3
MUS 391	ESOL Survey and Music Class Management	3
MUS 490	Music Instruction and Assessment	3
MUS 491	Music Internship 1 - Grades 1-8 (Elementary)	6
MUS 492	Music Internship 2 - Grades 6-12 (Secondary)	6

**Subtotal: 24**

**Musicianship**

MUS 110	Piano Class I	2
MUS 111	Piano Class II	2
MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 210	Concert Recording Practicum	2
MUS 212	Aural Skills III	2
MUS 215	Basic Conducting	2
MUS 222	Music Theory III	3
MUS 223	Music Theory IV	3
MUS 269	Recital/Concert Attendance	0
MUS 316	Instrumental Conducting	3
MUS 323	Arranging and Orchestration	2
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3

**Subtotal: 40**

**Performance**

MUS 135	Alexander Technique for Wellness	1
MUS 200	Jazz Improvisation I	1
MUS 225	Vocal and Choral Methods	2
MUS 226	String Methods	2
MUS 228	Brass Methods	2
MUS 229	Percussion Methods	2

MUS 230	Woodwind Methods I: Single Reeds	2
MUS 231	Woodwind Methods II: Double Reeds and Flute	2
MUS 232	Guitar Methods	1
MUS 346	Junior Recital	0-1
	12 credits of the following:	
MUS 247	Studio Lessons: Organ	2
MUS 249	Studio Lessons: Harpsichord	2
MUS 250	Studio Lessons: Piano	2
MUS 252	Studio Lessons: Flute	2
MUS 253	Studio Lessons: Oboe	2
MUS 254	Studio Lessons: Clarinet	2
MUS 255	Studio Lessons: Bassoon	2
MUS 256	Studio Lessons: Saxophone	2
MUS 257	Studio Lessons: Trumpet	2
MUS 258	Studio Lessons: French Horn	2
MUS 259	Studio Lessons: Trombone	2
MUS 260	Studio Lessons: Euphonium	2
MUS 261	Studio Lessons: Tuba	2
MUS 262	Studio Lessons: Percussion	2
MUS 263	Studio Lessons: Violin	2
MUS 264	Studio Lessons: Viola	2
MUS 265	Studio Lessons: Cello	2
MUS 266	Studio Lessons: Double Bass	2
MUS 267	Studio Lessons: Classical Guitar	2
MUS 271	Studio Lessons: Harp	2
MUS 272	Studio Lessons: Contemporary Guitar	2
MUS 273	Studio Lessons: Contemporary Keyboard	2
MUS 274	Studio Lessons: Contemporary Bass	2
MUS 275	Studio Lessons: Contemporary Percussion	2
	6 credits of the following:	
MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Subtotal: 34**

### Child Development

The Florida Department of Education requires a psychology course in child development. Bachelor of Music in Music Education degree candidates can take

the PSY 210 Development I: Child Psychology course to satisfy this requirement. The PSY 210 Development I: Child Psychology course has a prerequisite of PSY 101 General Psychology. Together, PSY 101 and PSY 210 will count toward 8 Units of Baccalaureate Experience requirements under the University's Social Science designation.

PSY 101	General Psychology	4
PSY 210	Psychology of Child Development	4

### Total Credit Hours: 98

### *Bachelor of Music in Music Education (Vocalist Track)*

The Bachelor of Music in Music Education degree is designed for students desiring to teach music, and leads to Florida teacher certification in Music (K-12). From their first semester of study, students engage in a field-based program of courses that provides real teaching experiences through which students develop their educator skills and professional contacts. Concurrently, Music Education majors develop their personal musicianship and music knowledge-base with courses in music theory, aural skills, musicology, applied study, and performance in a variety of ensembles.

Students pursuing a Bachelor of Music in Music Education degree follow one of two tracks based on their primary applied area: Instrumentalist or Vocalist.

### *Vocalist Track*

#### Auditions (Vocalist Track)

A successful music audition on voice is required for admission to the Vocalist track of the Bachelor of Music in Music Education degree. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

#### Transfer Students

Transfer students who plan to audition for the Bachelor of Music in Music Education degree program, and who have completed four semesters of applied lessons in their primary performance area, should demonstrate performance competency equivalent to the requirements of the Upper Division Performance Evaluation. Transfer students can obtain a list of these requirements in advance of their audition by contacting [music.audition@ut.edu](mailto:music.audition@ut.edu).

#### Music Education (Additional Requirements for Admittance)

Admitted Bachelor of Music in Music Education students are required to:

- Take the Florida General Knowledge Test in the summer prior to entering UT. (The University of Tampa must be designated as a score recipient with the testing agency.)
- Attain Level II clearance (background check and fingerprinting) through Hillsborough County Schools during the first six weeks of the entering semester. Paperwork and guidance through this

process will be provided to students at the beginning of each semester.

- Enroll in and pass MUS 205 Intro to Music Education, Human Development and Diversity during their first fall semester.  
Field Experience Seminar
- All Bachelor of Music in Music Education degree candidates must enroll in MUS 209 Field Experience Seminar during each semester of enrollment.  
Applied Performance Requirements (Vocalist Track)  
The Vocalist track of the Bachelor of Music in Music Education degree has the following applied performance requirements:
  - Students must take at least twelve credits of MUS 251 Studio Lessons: Voice.
  - Students must take at least six ensemble courses (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit. At least two of these courses must be different ensembles. Music scholarship students may have additional ensemble requirements.
  - Students must present a Junior Recital.  
Recital/Concert Attendance  
All Bachelor of Music in Music Education degree candidates must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:
    - 8+ semesters at UT = 6 semesters of passing MUS 269
    - 7 semesters at UT = 5 semesters of passing MUS 269
    - 6 semesters at UT = 4 semesters of passing MUS 269
    - 5 semesters at UT = 3 semesters of passing MUS 269
    - 4 semesters at UT = 2 semesters of passing MUS 269
    - 3 semesters at UT = 1 semesters of passing MUS 269
    - 2 semesters at UT = 1 semester of passing MUS 269

#### Upper Division Performance Evaluation

- The Upper Division Performance Evaluation is required for all Bachelor of Music in Music Education degree candidates.
- The Upper Division Performance Evaluation will be made no later than the fourth semester of Studio Lessons, and occurs during the end of the semester Jury Exam.
- Transfer students bringing in 60 or more credits, who have successfully auditioned, are not required to complete an Upper Division Performance Evaluation.

- Students must achieve an average grade of "B" or better to pass the evaluation. This grade will substitute for the Jury Exam portion of the student's final Studio Lessons grade for the semester.
- Students who do not pass with an average grade of "B" or better will need to retake the Upper Division Performance Evaluation during their next end of the semester Jury Exam. Students who do not pass for the second time may not continue in the Bachelor of Music degree program, but may instead change their major to the Bachelor of Arts in Music.
- Current performance requirements for the Upper Division Performance Evaluation are listed in the UT Music Student Handbook, available in the UT Music Department Blackboard course or by contacting [music@ut.edu](mailto:music@ut.edu).  
Upper Division Music Education Application

Prior to their junior year, Bachelor of Music in Music Education degree candidates must submit an Upper Division Music Education Application in order to continue in the Bachelor of Music degree program. Transfer students are required to submit an Upper Division Music Education Application during their first semester of residence in order to continue in the Bachelor of Music in Music Education degree program. Application forms are available in the Music Department office, or from the Director of Music Education.

The following materials are required for the Upper Division Music Education Application:

1. Evidence of a 3.0 GPA that is certified by the Academic Advising Office
2. A student transcript (unofficial), indicating completion or pending completion of 30 credit hours by the end of the current semester
3. Documentation of passing scores on all portions of the Florida General Knowledge Exam
4. Two educator disposition assessment forms completed by UT music faculty
5. One letter of recommendation (not from a UT music faculty member)
6. The applicant's perspectives on education statement
7. The criminal record information form (for field placement purposes)
8. A signed cooperative learning agreement  
Music Education Teacher Certification  
Prior to their internship semester and/or graduation, all Bachelor of Music in Music Education degree candidates must submit documentation confirming the completion of the following items to the Director of Music Education:
  1. 100 hours of field experience in K-12 classrooms, divided according to area of specialization

2. Passing scores on the two relevant Florida Teacher Certification Exams (FTCE): the Professional Education and Music K-12 exams  
 Music Exit Exam  
 Bachelor of Music in Music Education degree candidates are required to complete the Music Exit Exam prior to graduation. Students must take the Music Exit Exam during their final semester of study.

### Education

MUS 205	Intro to Music Education, Human Development and Diversity	3
MUS 209	Field Experience Seminar	0
MUS 390	Reading and Teaching Music - Elementary	3
MUS 391	ESOL Survey and Music Class Management	3
MUS 490	Music Instruction and Assessment	3
MUS 491	Music Internship 1 - Grades 1-8 (Elementary)	6
MUS 492	Music Internship 2 - Grades 6-12 (Secondary)	6

**Subtotal: 24**

### Musicianship

MUS 110	Piano Class I	2
MUS 111	Piano Class II	2
MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 210	Concert Recording Practicum	2
MUS 212	Aural Skills III	2
MUS 215	Basic Conducting	2
MUS 222	Music Theory III	3
MUS 223	Music Theory IV	3
MUS 269	Recital/Concert Attendance	0
MUS 315	Choral Conducting	3
MUS 323	Arranging and Orchestration	2
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3

**Subtotal: 40**

### Performance

MUS 124	Vocal Diction Technique and Literature	3
MUS 135	Alexander Technique for Wellness	1
MUS 225	Vocal and Choral Methods	2
MUS 226	String Methods	2
MUS 228	Brass Methods	2
MUS 229	Percussion Methods	2
MUS 230	Woodwind Methods I: Single Reeds	2
MUS 232	Guitar Methods	1
MUS 346	Junior Recital	0-1

12 credits of the following:

MUS 251	Studio Lessons: Voice	2
	6 credits of the following:	
MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Subtotal: 34**

### Child Development

The Florida Department of Education requires a psychology course in child development. Bachelor of Music in Music Education degree candidates can take the PSY 210 Development I: Child Psychology course to satisfy this requirement. The PSY 210 Development I: Child Psychology course has a prerequisite of PSY 101 General Psychology. Together, PSY 101 and PSY 210 will count toward 8 Units of Baccalaureate Experience requirements under the University's Social Science designation.

PSY 101	General Psychology	4
PSY 210	Psychology of Child Development	4

### Total Credit Hours: 98

### *Bachelor of Music in Performance (Instrumentalist Track)*

The Bachelor of Music in Performance degree is designed for students who aspire to careers as professional musicians. Through intensive study of music in private lessons with highly-skilled professional faculty, participation in varied undergraduate-focused ensembles and frequent experiential concert opportunities, the program prepares students to enter the field as performers, ensemble conductors and music directors. Students also develop a foundation of comprehensive musicianship that prepares them for future graduate study in music, or careers as private music teachers.

Students pursuing a Bachelor of Music in Performance degree follow one of two tracks based on their primary applied area: Instrumentalist or Vocalist.

*Instrumentalist Track*

**Auditions (Instrumentalist Track)**

A successful music audition on the student's primary instrument is required for admission to the Instrumentalist track of the Bachelor of Music in Performance degree. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

**Transfer Students**

Transfer students who plan to audition for the Bachelor of Music in Performance degree program, and who have completed four semesters of applied lessons in their primary performance area, should demonstrate performance competency equivalent to the requirements of the Upper Division Performance Evaluation. Transfer students can obtain a list of these requirements in advance of their audition by contacting [music.audition@ut.edu](mailto:music.audition@ut.edu).

**Applied Performance Requirements (Instrumentalist Track)**

The Instrumentalist track of the Bachelor of Music in Performance degree has the following applied performance requirements:

- Students must take at least sixteen credits of 200-level Studio Lessons courses (MUS: 249, 250, 252-267, 271-275) on their primary instrument.
- Students must take at least twelve ensemble courses (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit. At least two of these courses must be different ensembles. Music scholarship students may have additional ensemble requirements.

- Students must present both a Junior and Senior Recital.

**Recital/Concert Attendance**

All Bachelor of Music in Performance degree candidates must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:

- 8+ semesters at UT = 6 semesters of passing MUS 269
- 7 semesters at UT = 5 semesters of passing MUS 269
- 6 semesters at UT = 4 semesters of passing MUS 269
- 5 semesters at UT = 3 semesters of passing MUS 269
- 4 semesters at UT = 2 semesters of passing MUS 269
- 3 semesters at UT = 1 semesters of passing MUS 269
- 2 semesters at UT = 1 semester of passing MUS 269

**Minimum Grade for MUS Courses in Major**

All Bachelor of Music in Performance degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

Upper Division Performance Evaluation

- The Upper Division Performance Evaluation is required for all Bachelor of Music in Performance degree candidates.
- The Upper Division Performance Evaluation will be made no later than the fourth semester of Studio Lessons, and occurs during the end of the semester Jury Exam.
- Transfer students bringing in 60 or more credits, who have successfully auditioned, are not required to complete an Upper Division Performance Evaluation.
- Students must achieve an average grade of "B" or better to pass the evaluation. This grade will substitute for the Jury Exam portion of the student's final Studio Lessons grade for the semester.
- Students who do not pass with an average grade of "B" or better will need to retake the Upper Division Performance Evaluation during their next end of the semester Jury Exam. Students who do not pass for the second time may not continue in the Bachelor of Music degree program, but may instead change their major to the Bachelor of Arts in Music.
- Current performance requirements for the Upper Division Performance Evaluation are listed in the UT Music Student Handbook, available in the UT Music Department Blackboard course or by contacting [music@ut.edu](mailto:music@ut.edu).

**Music Exit Exam**

Bachelor of Music in Performance degree candidates are required to complete the Music Exit Exam prior to graduation. Students must take the Music Exit Exam during their final semester of study.

**Musicianship**

MUS 110	Piano Class I	2
MUS 111	Piano Class II	2
MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 210	Concert Recording Practicum	2
MUS 212	Aural Skills III	2
MUS 215	Basic Conducting	2
MUS 222	Music Theory III	3
MUS 223	Music Theory IV	3
MUS 269	Recital/Concert Attendance	0
MUS 316	Instrumental Conducting	3
MUS 323	Arranging and Orchestration	2
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3

**Subtotal: 40**

**Performance**

MUS 135	Alexander Technique for Wellness	1
MUS 200	Jazz Improvisation I	1
MUS 346	Junior Recital	0-1
MUS 446	Senior Recital	0-1
	One of the following:	
MUS 225	Vocal and Choral Methods	2
MUS 226	String Methods	2
MUS 228	Brass Methods	2
MUS 229	Percussion Methods	2
MUS 230	Woodwind Methods I: Single Reeds	2
MUS 231	Woodwind Methods II: Double Reeds and Flute	2
MUS 232	Guitar Methods	1
	16 credits of the following:	
MUS 249	Studio Lessons: Harpsichord	2
MUS 250	Studio Lessons: Piano	2
MUS 252	Studio Lessons: Flute	2
MUS 253	Studio Lessons: Oboe	2
MUS 254	Studio Lessons: Clarinet	2
MUS 255	Studio Lessons: Bassoon	2
MUS 256	Studio Lessons: Saxophone	2
MUS 257	Studio Lessons: Trumpet	2
MUS 258	Studio Lessons: French Horn	2
MUS 259	Studio Lessons: Trombone	2
MUS 260	Studio Lessons: Euphonium	2
MUS 261	Studio Lessons: Tuba	2
MUS 262	Studio Lessons: Percussion	2
MUS 263	Studio Lessons: Violin	2
MUS 264	Studio Lessons: Viola	2
MUS 265	Studio Lessons: Cello	2
MUS 266	Studio Lessons: Double Bass	2
MUS 267	Studio Lessons: Classical Guitar	2
MUS 271	Studio Lessons: Harp	2
MUS 272	Studio Lessons: Contemporary Guitar	2
MUS 273	Studio Lessons: Contemporary Keyboard	2
MUS 274	Studio Lessons: Contemporary Bass	2
MUS 275	Studio Lessons: Contemporary Percussion	2
	12 credits of the following:	
MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1

MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Subtotal: 33****Total Credit Hours: 73*****Bachelor of Music in Performance (Vocalist Track)***

The Bachelor of Music in Performance degree is designed for students who aspire to careers as professional musicians. Through intensive study of music in private lessons with highly-skilled professional faculty, participation in varied undergraduate-focused ensembles and frequent experiential concert opportunities, the program prepares students to enter the field as performers, ensemble conductors and music directors. Students also develop a foundation of comprehensive musicianship that prepares them for future graduate study in music, or careers as private music teachers.

Students pursuing a Bachelor of Music in Performance degree follow one of two tracks based on their primary applied area: Instrumentalist or Vocalist.

**Total Credit Hours: 73*****Bachelor of Arts in Music (Technologist Track)***

Students pursuing a Bachelor of Arts in Music degree follow one of three tracks based on their interests and their primary applied area: Technologist, Instrumentalist, or Vocalist.

***Technologist Track***

The Technologist track of the Bachelor of Arts in Music degree focuses on creativity and innovation in the fields of electronic music, audio engineering, music production, and/or composition.

**Admission (Technologist Track)**

Students who are pursuing the Technologist track of the Bachelor of Arts in Music degree are not required to audition, and are considered admitted for the Technologist track of the Bachelor of Arts in Music degree upon acceptance to the University.

**Recital/Concert Attendance**

Students in the Technologist track of the Bachelor of Arts in Music degree must pass MUS 269

Recital/Concert Attendance one time only.

**Minimum Grade for MUS Courses in Major**

All Bachelor of Arts degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

**Music Technology**

MUS 108	Recording and Electronic Music I	4
MUS 109	Recording and Electronic Music II	4
MUS 210	Concert Recording Practicum	2
MUS 301	Interactive Arts Ensemble	0-1
MUS 303	Studio Production Ensemble	0-1

**Subtotal: 12****Musicianship**

MUS 110	Piano Class I	2	MUS 176	Studio Lessons: Contemporary Technology	1
MUS 111	Piano Class II	2	MUS 192	World Music Drumming Ensemble	0-1
MUS 112	Aural Skills I	2	MUS 201	Jazz Improvisation II	1
MUS 113	Aural Skills II	2	MUS 215	Basic Conducting	2
MUS 122	Music Theory I	3	MUS 225	Vocal and Choral Methods	2
MUS 123	Music Theory II	3	MUS 226	String Methods	2
MUS 200	Jazz Improvisation I	1	MUS 228	Brass Methods	2
MUS 269	Recital/Concert Attendance	0	MUS 229	Percussion Methods	2
MUS 323	Arranging and Orchestration	2	MUS 230	Woodwind Methods I: Single Reeds	2
	Two of the following:		MUS 231	Woodwind Methods II: Double Reeds and Flute	2
MUS 191	World Music	3	MUS 232	Guitar Methods	1
MUS 195	Introduction to Jazz	3	MUS 246	Camerata	0-1
MUS 208	Topics in Music	1-3	MUS 247	Studio Lessons: Organ	2
MUS 370	Music in Film and Games	3	MUS 249	Studio Lessons: Harpsichord	2
MUS 375	Introduction to Rock	3	MUS 250	Studio Lessons: Piano	2
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3	MUS 251	Studio Lessons: Voice	2
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3	MUS 252	Studio Lessons: Flute	2
MUS 480	Music History Survey III: 1900 to Present Day	3	MUS 253	Studio Lessons: Oboe	2
			MUS 254	Studio Lessons: Clarinet	2
			MUS 255	Studio Lessons: Saxophone	2
			MUS 256	Studio Lessons: Bassophone	2
			MUS 257	Studio Lessons: Trumpet	2
			MUS 258	Studio Lessons: French Horn	2
			MUS 259	Studio Lessons: Trombone	2
			MUS 260	Studio Lessons: Euphonium	2
			MUS 261	Studio Lessons: Tuba	2
			MUS 262	Studio Lessons: Percussion	2
			MUS 263	Studio Lessons: Violin	2
			MUS 264	Studio Lessons: Viola	2
			MUS 265	Studio Lessons: Cello	2
			MUS 266	Studio Lessons: Double Bass	2
			MUS 267	Studio Lessons: Classical Guitar	2
			MUS 270	Composition	1-2
			MUS 271	Studio Lessons: Harp	2
			MUS 272	Studio Lessons: Contemporary Guitar	2
			MUS 273	Studio Lessons: Contemporary Keyboard	2
			MUS 274	Studio Lessons: Contemporary Bass	2
			MUS 275	Studio Lessons: Contemporary Percussion	2
			MUS 276	Studio Lessons: Contemporary Technology	2
			MUS 289	Orchestra	0-1
			MUS 290	Spartan Band	0-1
			MUS 291	Wind Ensemble	0-1
			MUS 292	Jazz Ensemble	0-1
			MUS 293	Chamber Singers	0-1
			MUS 294	Opus	0-1
			MUS 295	University Treble Chorus	0-1
			MUS 297	University Concert Chorus	0-1
			MUS 301	Interactive Arts Ensemble	0-1
			MUS 302	Jazz Combo	0-1
			MUS 303	Studio Production Ensemble	0-1
			MUS 304	MIX Lab	0-1
			MUS 307	Opera Workshop	0-1
			MUS 309	Performance Class	0-1
			MUS 310	String Ensemble	0-1
<b>Subtotal: 23</b>					
<b>Performance and Music Electives</b>					
	12 credits of the following:				
MUS 105	Basic Guitar Class	2			
MUS 114	Voice Class	3			
MUS 124	Vocal Diction Technique and Literature	3			
MUS 135	Alexander Technique for Wellness	1			
MUS 147	Studio Lessons: Organ	1			
MUS 149	Studio Lessons: Harpsichord	1			
MUS 150	Studio Lessons: Piano	1			
MUS 151	Studio Lessons: Voice	1			
MUS 152	Studio Lessons: Flute	1			
MUS 153	Studio Lessons: Oboe	1			
MUS 154	Studio Lessons: Clarinet	1			
MUS 155	Studio Lessons: Bassoon	1			
MUS 156	Studio Lessons: Saxophone	1			
MUS 157	Studio Lessons: Trumpet	1			
MUS 158	Studio Lessons: French Horn	1			
MUS 159	Studio Lessons: Trombone	1			
MUS 160	Studio Lessons: Euphonium	1			
MUS 161	Studio Lessons: Tuba	1			
MUS 162	Studio Lessons: Percussion	1			
MUS 163	Studio Lessons: Violin	1			
MUS 164	Studio Lessons: Viola	1			
MUS 165	Studio Lessons: Cello	1			
MUS 166	Studio Lessons: Double Bass	1			
MUS 167	Studio Lessons: Classical Guitar	1			
MUS 171	Studio Lessons: Harp	1			
MUS 172	Studio Lessons: Contemporary Guitar	1			
MUS 173	Studio Lessons: Contemporary Keyboard	1			
MUS 174	Studio Lessons: Contemporary Bass	1			
MUS 175	Studio Lessons: Contemporary Percussion	1			



MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1
MUS 315	Choral Conducting	3
		<b>Subtotal: 12</b>

**Capstone Project**

One of the following:		
MUS 346	Junior Recital	0-1
MUS 446	Senior Recital	0-1
MUS 499	Senior Project in Music	3
		<b>Subtotal: 0-3</b>

**Total Credit Hours: 47-50***Bachelor of Arts in Music (Instrumentalist Track)*

Students pursuing a Bachelor of Arts in Music degree follow one of three tracks based on their interests and their primary applied area: Technologist, Instrumentalist, or Vocalist.

*Instrumentalist Track*

The Instrumentalist track emphasizes comprehensive studies in musicianship and performance

## Auditions (Instrumentalist Track)

A successful music audition on a primary applied instrument is required for admission to the Instrumentalist track of the Bachelor of Arts in Music degree. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

## Performance Requirements (Instrumentalist Track)

The Instrumentalist track of the Bachelor of Arts in Music degree has the following performance requirements:

- Students must take at least eight credits of 200-level Studio Lessons courses (MUS: 247-250, 252-267, 271-276) on their primary instrument.
- Students must take at least six ensemble courses (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit. At least two of these courses must be different ensembles. Music scholarship students may have additional ensemble requirements.

## Recital/Concert Attendance

Students in the Instrumentalist track of the Bachelor of Arts in Music degree must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:

- 8+ semesters at UT = 6 semesters of passing MUS 269
- 7 semesters at UT = 5 semesters of passing MUS 269

- 6 semesters at UT = 4 semesters of passing MUS 269
- 5 semesters at UT = 3 semesters of passing MUS 269
- 4 semesters at UT = 2 semesters of passing MUS 269
- 3 semesters at UT = 1 semesters of passing MUS 269
- 2 semesters at UT = 1 semester of passing MUS 269

## Minimum Grade for MUS Courses in Major

All Bachelor of Arts in Music degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

## Music Exit Exam

Bachelor of Arts in Music (Instrumentalist track) degree candidates are required to complete the Music Exit Exam prior to graduation. Students must take the Music Exit Exam during their final semester of study.

**Musicianship**

MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 210	Concert Recording Practicum	2
MUS 212	Aural Skills III	2
MUS 222	Music Theory III	3
MUS 223	Music Theory IV	3
MUS 269	Recital/Concert Attendance	0
MUS 323	Arranging and Orchestration	2
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3
		<b>Subtotal: 31</b>

**Performance**

8 credits of the following:		
MUS 247	Studio Lessons: Organ	2
MUS 249	Studio Lessons: Harpsichord	2
MUS 250	Studio Lessons: Piano	2
MUS 252	Studio Lessons: Flute	2
MUS 253	Studio Lessons: Oboe	2
MUS 254	Studio Lessons: Clarinet	2
MUS 255	Studio Lessons: Bassoon	2
MUS 256	Studio Lessons: Saxophone	2
MUS 257	Studio Lessons: Trumpet	2
MUS 258	Studio Lessons: French Horn	2
MUS 259	Studio Lessons: Trombone	2
MUS 260	Studio Lessons: Euphonium	2
MUS 261	Studio Lessons: Tuba	2
MUS 262	Studio Lessons: Percussion	2
MUS 263	Studio Lessons: Violin	2
MUS 264	Studio Lessons: Viola	2
MUS 265	Studio Lessons: Cello	2
MUS 266	Studio Lessons: Double Bass	2
MUS 267	Studio Lessons: Classical Guitar	2
MUS 271	Studio Lessons: Harp	2

MUS 272	Studio Lessons: Contemporary Guitar	2
MUS 273	Studio Lessons: Contemporary Keyboard	2
MUS 274	Studio Lessons: Contemporary Bass	2
MUS 275	Studio Lessons: Contemporary Percussion	2
MUS 276	Studio Lessons: Contemporary Technology	2
	6 credits of the following:	
MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Subtotal: 14**

**Capstone Project**

One of the following:

MUS 346	Junior Recital	0-1
MUS 446	Senior Recital	0-1
MUS 499	Senior Project in Music	3

**Subtotal: 0-3**

**Total Credit Hours: 45-48**

*Bachelor of Arts in Music (Vocalist Track)*

Students pursuing a Bachelor of Arts in Music degree follow one of three tracks based on their interests and their primary applied area: Technologist, Instrumentalist, or Vocalist.

*Vocalist Track*

The Vocalist track emphasizes comprehensive studies in musicianship and performance.

**Auditions (Vocalist Track)**

A successful music audition on voice is required for admission to the Vocalist track of the Bachelor of Arts in Music degree. Audition requirements and an audition application are available

at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

**Performance Requirements (Vocalist Track)**

The Vocalist track of the Bachelor of Arts in Music degree has the following performance requirements:

- Students must take at least eight credits of MUS 251.
- Students must take at least six ensemble courses (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit. At least two of these courses must be different ensembles. Music scholarship students may have additional ensemble requirements.

**Recital/Concert Attendance**

Students in the Vocalist track of the Bachelor of Arts in Music degree must pass MUS 269 Recital/Concert Attendance based on the number of semesters they are in residency at UT as a music degree candidate:

- 8+ semesters at UT = 6 semesters of passing MUS 269
- 7 semesters at UT = 5 semesters of passing MUS 269
- 6 semesters at UT = 4 semesters of passing MUS 269
- 5 semesters at UT = 3 semesters of passing MUS 269
- 4 semesters at UT = 2 semesters of passing MUS 269
- 3 semesters at UT = 1 semesters of passing MUS 269
- 2 semesters at UT = 1 semester of passing MUS 269

**Minimum Grade for MUS Courses in Major**

All Bachelor of Arts in Music degree candidates must receive a grade of "C" or better for any MUS course in order for it to be counted toward their music degree requirements.

**Music Exit Exam**

Bachelor of Arts in Music (Vocalist track) degree candidates are required to complete the Music Exit Exam prior to graduation. Students must take the Music Exit Exam during their final semester of study.

**Musicianship**

MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 210	Concert Recording Practicum	2
MUS 212	Aural Skills III	2
MUS 222	Music Theory III	3
MUS 223	Music Theory IV	3
MUS 269	Recital/Concert Attendance	0
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3

**Subtotal: 29**

**Performance**

MUS 124	Vocal Diction Technique and Literature	3
MUS 135	Alexander Technique for Wellness	1
MUS 251	8 credits of the following: Studio Lessons: Voice	2
	6 credits of the following:	

MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1
MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Subtotal: 18****Capstone Project**

One of the following:		
MUS 346	Junior Recital	0-1
MUS 446	Senior Recital	0-1
MUS 499	Senior Project in Music	3

**Subtotal: 0-3****Total Credit Hours: 47-50*****Bachelor of Fine Arts in Musical Theatre***

The Bachelor of Fine Arts in Musical Theatre degree is offered cooperatively by the Department of Music and the Department of Speech, Theatre and Dance. See degree program details under the Department of Speech, Theatre and Dance section in this catalog.

***Music Minor*****Auditions (Music Minor)**

A successful music audition on a primary applied instrument or voice is required for admission to the music minor program. Audition requirements and an audition application are available at [www.ut.edu/music/prospective/](http://www.ut.edu/music/prospective/). For assistance and additional information contact [music.audition@ut.edu](mailto:music.audition@ut.edu).

Due to the similarity in degree requirements, Bachelor of Fine Arts in Musical Theatre degree candidates are not eligible for the music minor, unless the primary applied performance area of their music minor is something other than voice.

**Performance Requirements (Music Minor)**

The music minor has the following performance requirements:

- Students must take at least four credits of 200-level Studio Lessons courses (MUS: 247-267, 271-276) in their primary applied performance area.

- Students must complete a minimum of six ensembles (MUS: 192, 246, 289-314). Ensemble courses may be repeated for additional credit.  
Recital/Concert Attendance  
Music minors must pass MUS 269 Recital/Concert Attendance for a total of two semesters.

***Requirements for the Music Minor*****Courses**

MUS 112	Aural Skills I	2
MUS 113	Aural Skills II	2
MUS 122	Music Theory I	3
MUS 123	Music Theory II	3
MUS 269	Recital/Concert Attendance	0
One of the following:		
MUS 380	Music History Survey I: Antiquity, Middle Ages, Renaissance and Baroque	3
MUS 381	Music History Survey II: 18th Century Classical Period and 19th Century Romanticism	3
MUS 480	Music History Survey III: 1900 to Present Day	3
4 credits of the following:		
MUS 247	Studio Lessons: Organ	2
MUS 249	Studio Lessons: Harpsichord	2
MUS 250	Studio Lessons: Piano	2
MUS 251	Studio Lessons: Voice	2
MUS 252	Studio Lessons: Flute	2
MUS 253	Studio Lessons: Oboe	2
MUS 254	Studio Lessons: Clarinet	2
MUS 255	Studio Lessons: Bassoon	2
MUS 256	Studio Lessons: Saxophone	2
MUS 257	Studio Lessons: Trumpet	2
MUS 258	Studio Lessons: French Horn	2
MUS 259	Studio Lessons: Trombone	2
MUS 260	Studio Lessons: Euphonium	2
MUS 261	Studio Lessons: Tuba	2
MUS 262	Studio Lessons: Percussion	2
MUS 263	Studio Lessons: Violin	2
MUS 264	Studio Lessons: Viola	2
MUS 265	Studio Lessons: Cello	2
MUS 266	Studio Lessons: Double Bass	2
MUS 267	Studio Lessons: Classical Guitar	2
MUS 271	Studio Lessons: Harp	2
MUS 272	Studio Lessons: Contemporary Guitar	2
MUS 273	Studio Lessons: Contemporary Keyboard	2
MUS 274	Studio Lessons: Contemporary Bass	2
MUS 275	Studio Lessons: Contemporary Percussion	2
MUS 276	Studio Lessons: Contemporary Technology	2
6 credits of the following:		
MUS 192	World Music Drumming Ensemble	0-1
MUS 246	Camerata	0-1
MUS 289	Orchestra	0-1
MUS 290	Spartan Band	0-1

MUS 291	Wind Ensemble	0-1
MUS 292	Jazz Ensemble	0-1
MUS 293	Chamber Singers	0-1
MUS 294	Opus	0-1
MUS 295	University Treble Chorus	0-1
MUS 297	University Concert Chorus	0-1
MUS 301	Interactive Arts Ensemble	0-1
MUS 302	Jazz Combo	0-1
MUS 303	Studio Production Ensemble	0-1
MUS 304	MIX Lab	0-1
MUS 307	Opera Workshop	0-1
MUS 309	Performance Class	0-1
MUS 310	String Ensemble	0-1
MUS 311	Classical Guitar Ensemble	0-1
MUS 312	Woodwind Ensemble	0-1
MUS 313	Brass Ensemble	0-1
MUS 314	Percussion Ensemble	0-1

**Total Credit Hours: 23**

## Department of Philosophy and Religion

**Faculty:** Professor Geisz, Chair; Associate Professor Arvan; Assistant Professor Lloyd; Assistant Teaching Professor Johnson.

The Department of Philosophy and Religion offers programs that emphasize critical thinking and logical reasoning and introduce students to a wide variety of philosophical traditions and issues. These programs can be especially helpful to students considering law school, medical school or graduate school, as well as to students looking for a strong foundation in a core liberal arts discipline that will enrich their lives and contribute to their future success in a variety of professions.

The department offers a philosophy major and a minor, and it contributes key courses to minors in Asian Studies, Sustainability, and Law, Justice, and Advocacy. The department also offers courses in religion.

The philosophy major at UT can be a stand-alone major, but students are encouraged to consider completing the philosophy major as part of a double major.

### Philosophy

#### Philosophy Major

The philosophy major offers courses that develop and hone skills of critical thinking and logic. It gives students a solid background in both the history of philosophy and contemporary philosophical debates, introducing them to a variety of issues in ethical theory, applied ethics (e.g., environmental ethics, business ethics and biomedical ethics), social and political philosophy, aesthetics and philosophy of art, philosophy of mind, metaphysics, epistemology, philosophy of film, philosophy of law, philosophy of

language, philosophy of science, existentialism, philosophy of religion and Asian philosophy.

Philosophy majors may choose to complete a research track capstone experience as part of the required 16 credit hours of electives at the 300 level or above. Students interested in completing the research track should consult with a full-time faculty member in the department during their junior year to map out a possible senior-year research project in philosophy. Then, during the senior year, students completing the research track sign up for PHL 450 Independent Study (4 credits) in the first semester and PHL 499 Senior Thesis (4 credits) in the second semester. In the process of completing the research track, students learn how to do research in academic philosophy and they produce original contributions to scholarly discussions about classic or current philosophical issues.

### Degree Requirements

#### Requirements for a major in philosophy

PHL 201	Logic	4
		<b>Subtotal: 4</b>

#### At least two of the following courses

PHL 203	Contemporary Philosophy	4
PHL 215	Ancient Philosophy: Plato and Aristotle	4
PHL 225	Modern Philosophy: Descartes to Kant	4
		<b>Subtotal: 8</b>

#### And

PHL Electives	Including as options either REL 205 or REL 288, but not both	24
		<b>Subtotal: 24</b>

Philosophy electives: at least 16 credit hours of which must be at the 300 level or above and which may include the research track option consisting of PHL 450 Independent Study followed by PHL 499 Senior Thesis. Please note: either REL 205 World Religions or REL 288 Chinese Yoga and Meditation (but not both) may be used as a 200-level PHL elective for the purposes of completing the philosophy major, although no REL courses are required for the major.

Subtotal: 36

**Total Credit Hours: 36**

### Philosophy Minor

#### Degree Requirements

#### Requirements for the minor in philosophy

PHL 201	Logic	4
	Philosophy electives	16
		<b>Subtotal: 20</b>

PHL electives: at least 4 credit hours of which must be PHL courses at the 300 level or above and which may include the research track option consisting of PHL 450 Independent Study followed by PHL 499 Senior Thesis. Please note: no REL courses may be counted toward the philosophy minor, although either REL 205

or REL 288 (but not both) may be counted toward the philosophy major.

Subtotal: 20

**Total Credit Hours: 20**

### Religion

Courses in religion are offered through the Department of Philosophy and Religion. A major or minor in religion is not offered. Either REL 205 World Religions or REL 288 Chinese Yoga and Meditation (but not both) may be used as a single 200-level PHL elective by a student completing the philosophy major at UT, but no other REL courses count toward the philosophy major. No REL courses count toward the philosophy minor.

### Asian Studies

#### Asian Studies Minor

**Faculty:** Professor Steven Geisz (Philosophy and Religion), Co-Coordinator; Associate Professor Elizabeth Littell-Lamb (History), Co-Coordinator; Associate Professor Liv Coleman (Political Science and International Studies); Associate Professor Daniel Doohan (English).

The Department of Philosophy and Religion, the Department of Languages and Linguistics, and the Department of Government, History and Sociology each contribute key courses to the Asian studies minor.

The minor in Asian studies focuses on the history, culture and politics of East Asia, Southeast Asia and the Indian Subcontinent. It provides students with an understanding of the interdisciplinary field of Asian studies. Students take 24 credit hours of courses from lists of eligible electives. The minor helps prepare students for careers in business, government and nonprofit/non-governmental organizations, and is designed to enhance the marketability of those applying to law schools, MBA programs and graduate schools in various disciplines.

### Degree Requirements

**Requirements for a minor in Asian studies - 24 credit hours, distributed as follows from lists (A), (B) and (C), and possibly (D) and (E):**

**A. Asian History and Politics Foundation Requirement (at least 4 credit hours). Students must take one or more of the following courses:**

HIS 217	China's Centuries of War and Revolution: since 1800	4
HIS 221	Japan's Modern Centuries	4
PSC 365	Politics of East Asia	4

**Subtotal: 4**

**B. Asian Philosophy/Religion Foundation Requirement (at least 4 credit hours). Students must take one or more of the following courses:**

PHL 237	Indian and Asian Philosophy	4
PHL 320	Chinese Philosophy	4
PHL 235	Philosophy of Martial Arts	4
PHL 236	Yoga and Philosophy	4

PHL 321	Daoist Philosophy and Religion	4
PHL 330	Asian Philosophy Special Topics	4

**Subtotal: 4**

PHL 330: may be taken and counted toward the minor more than once, if the particular topic varies  
**C. Asian Language Requirement (8 or more credit hours, unless proficiency is demonstrated in one of the other allowable ways):**

Students must (i) successfully complete at least 8 credit hours of the following courses, or (ii) demonstrate proficiency in an approved Asian language by attaining the "novice advanced" level on the Oral Proficiency Interview (OPI) administered by the American Council of Teaching Foreign Languages (ACTFL), or (iii) receive an official waiver for this requirement by being determined to be a native speaker of an approved Asian language by the chair of the Department of Languages and Linguistics. (Students who take options (ii) or (iii) must take the 8 or more credit hours they would otherwise have taken to meet the Asian language requirement by taking additional courses from lists A (above), B (above) or D (below)):

CHI 101	Elementary Chinese I	4
CHI 102	Elementary Chinese II	4
CHI 201	Intermediate Chinese I	4
CHI 202	Intermediate Chinese II	4
CHI 351	Topics in Chinese	1-4
JPN 101	Elementary Japanese I	4
JPN 102	Elementary Japanese II	4
JPN 201	Intermediate Japanese I	4
JPN 202	Intermediate Japanese II	4
JPN 351	Topics in Japanese:	1-4

**Subtotal: 8**

**D. Asia-Focused Electives (OPTIONAL, up to 8 credits):**

Students do not need to take any courses off of this list, but they may count up to 8 credit hours of coursework from the following list toward the 24 credit hours required for the Asian studies minor. (Those students who complete the Asian language requirement or by demonstrating proficiency via an OPI interview or by receiving an official "native speaker" waiver may count up to 16 credit hours from the following list.)

PSC 341	International Relations of East Asia	4
PSC 365	Politics of East Asia	4
PSC 272	Contemporary Japan	4
HIS 227	China and the World to 1800	4
HIS 228	Traditional Japan	4
LAN 100	Language and Culture	2
LAN 105	Language For Travel	2
REL 288	Chinese Yoga and Meditation	4
THR 330	Special Topics in Theatre	2-4

**Subtotal: 8**

THR 330-332: Should take THR 330, Special Topics in Theatre: Asian Theatre

LAN 100/LAN 105: (only if the language/culture is Chinese, Japanese, or some other language/culture of East Asia, Southeast Asia, or the Indian Subcontinent)

**E. Asia-In-Comparison Electives (OPTIONAL, up to 4 credit hours):**

Students do not need to take any courses off of this list, but they may count up to 4 credit hours of coursework from the following list of eligible electives toward the minor.

COM 261	World Cinema	4
COM 401	Intercultural Communication	4
COM 443	Communication and Cultural Studies	4
LIT 312	Contemporary World Literature	4
LIT 337	Multiethnic U.S. Literature and Film	4
HIS 102	World History to 1500	4
HIS 103	World History from 1500 to the Present	4
HIS 402	Natural and Unnatural Disasters in Modern World History	4
PHL 399	Philosophy of Sex	4
REL 205	World Religions	4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24****Department of Theatre and Dance**

**Faculty:** Associate Professor Staczar, Chair; Professor Luter; Associate Professors Finocchiaro and Gonzalez; Assistant Professors Crotty, and LeMarquand.

Our mission is to develop the talents of our students within a disciplined and creative environment necessary for success as theatre and dance professionals. Classes and practical experience are designed to nurture students' creative expression, their sensitivity to their own and other cultures, and their mastery of performance skills, communication skills, critical thinking skills, teaching skills and their perfection of voice and body. Students are taught how artists encounter, examine, express and share with others their creative experiences; how performers and educators collaborate with one another; and how they shape their visions into tangible, meaningful performance events.

We offer a variety of courses in theatre and dance designed for beginning to advanced learning. Students choose the appropriate level of rigor and focus of study most suited to their technical proficiency, performance technique, and career aspirations. Many of our courses are required for the majors in dance, musical theatre and theatre, while others fulfill requirements for minor degree programs, as well as satisfying core curricular requirements in the fine arts. Courses are so designated in the course descriptions and in the descriptions of major and minor degree programs within the department.

The department is located in the Ferman Center for the Arts, which is home to our faculty offices, the black box theater, dance studios and classrooms. We also operate out of the historic David Falk Theatre, a renovated playhouse in downtown Tampa; and, we maintain a fully equipped scene shop adjacent to campus. Additionally, we offer study abroad courses

that provide global perspectives and enriching educational experiences for our students. The department is an active member in the Kennedy Center American College Theater Festival, the Florida Theatre Conference and the Southeastern Theatre Conference, enabling our students to network across the nation with peers and educators in the performing arts. We also have faculty-led study to New York City where student witness and interact with preeminent professionals.

*Dance**Dance Major*

Students majoring in this Bachelor of Arts degree program receive training and experience in preparing to teach dance in a variety of community settings, from private dance studios and community programs to serving diverse populations. This major consists of dance technique, pedagogy, choreography, technical theater, dance anatomy and kinesiology and a senior capstone course. Students also will have opportunities for internships in the Tampa Bay community. An audition and interview is required for this program.

Students who have declared a dance major must successfully pass a second-year evaluation/review, which is administrated the spring semester of the second year of study (or, for transfer students, after 60 credit hours are earned). Transfer students who are admitted into the program with 60 credit hours or entering UT at junior status will take a technical placement class and are otherwise exempt from the evaluation. The evaluation process encompasses technical proficiency in ballet and modern dance and demonstrated familiarity in personal application of brain-compatible teaching methods. Students who do not successfully complete the second-year review will not be allowed to continue in the dance major program.

*Degree Requirements***Requirements for Dance Major**

DAN 102	Applied Dance Fundamentals I	2
DAN 201	Dance History	4
DAN 202	Applied Dance Fundamentals II	2
DAN 231	Dance Happening Repertory	0-1
	or	
DAN 232	Spring Dance Concert Repertory	0-1
DAN 269	Dance Improvisation	1
DAN 270	Composition and Choreography	1
DAN 302	Applied Dance Fundamentals III	2
DAN 320	Dance Anatomy, Kinesiology and Injury Prevention	3
DAN 380	Teaching Methods for Dance	4
DAN 450	Senior Capstone Project	1
DAN 480	Teaching Methods for Community and Diverse Populations	4

**Subtotal: 25-26**

DAN 231 and 232: dance majors are required to audition for University dance productions. Without prior consultation with the director of the production,

students' participation in the audition process constitutes their agreement to accept the role(s) offered. A student must accept their role(s) or they risk losing their scholarship. Students who do not adhere to this policy will not be allowed to audition for any productions or participate in departmental events for the remainder of that academic year.

#### Other Required Coursework

MUS 220	Music for Dance	3
THR 245	Technical Theatre	1

**Subtotal: 4**

#### Dance Technique Coursework

9 credits of the following (6 credits must be taken at 200-level or higher):

DAN 142	Beginning Modern Dance I	3
DAN 198	Beginning Modern Dance II	3
DAN 242	Intermediate Modern Dance	3
DAN 342	Advanced Contemporary Dance	3

9 credits of the following (6 credits must be taken at 200-level or higher):

DAN 149	Beginning Ballet I	3
DAN 199	Beginning Ballet II	3
DAN 249	Intermediate Ballet	3
DAN 349	Advanced Ballet	3

And three of the following courses:

DAN 110	Ballroom Dance I	3
DAN 141	Beginning Jazz Dance I	3
DAN 144	Beginning Tap Dance	3
DAN 145	Dance Partnering for the Stage	3
DAN 151	Beginning Hip Hop, Urban and Funk	3
DAN 191	West African Dance	3
DAN 197	Beginning Jazz Dance II	3
DAN 210	Ballroom Dance II	3
DAN 241	Intermediate Jazz Dance	3
DAN 244	Intermediate Tap Dance	3
DAN 246	Musical Theatre Dance	3

**Subtotal: 27**

**Total Credit Hours: 56-57**

#### Musical Theatre

#### Musical Theatre Major

Students majoring in this BFA degree program receive balanced training and experience in the three performance areas associated with musical theatre: music, theatre and dance. They develop performance skills and repertoire, and participate in staged productions, studio theatre performances, concerts and cabarets, as well as excerpts and scenes. Highlights of the program are in-residence workshops with established music theatre artists and internship opportunities with local theme parks, theatre companies or other venues deemed appropriate by the faculty and program director. An audition is required for admission to the program. Please contact the Admissions Office for specific details on scheduling an audition appointment.

Students accepted into the program must successfully pass a second-year evaluation review, which is administered in the spring semester of the second year of study (or, for transfer students, after 60 credit hours are earned). Transfer students who are admitted with junior status are exempt from the evaluation. The evaluation process encompasses performance in all three areas of the musical theatre major (singing, acting and dance/stage movement). Students who do not successfully complete the second-year evaluation review will not be allowed to continue in the musical theatre program. Participation in senior showcase is required in the final year of study to illustrate the overall growth of the student as a theatre artist.

#### Degree Requirements

#### Requirements for Musical Theatre Major

MUS 127	Music Theory for Performing Arts I	3
MUS 128	Music Theory for Performing Arts II	3
MUS 117	Musicianship for Performing Arts I	1
MUS 118	Musicianship for Performing Arts II	1
MUS 217	Musicianship for Performing Arts III	1

**Subtotal: 9**

#### Musical Theatre Performance Area

MUS 251-269	Voice/Recital-Concert Attendance (two credit hours each semester enrolled)	16
MUS	MUS Ensembles (minimum of one each semester enrolled)	8
MUS 242	Career Development and Audition Seminar	3
MUS 243	Performance Internship	1

**Subtotal: 27-28**

MUS 243 is an optional elective.

MUS 269: all musical theatre majors must pass Recital/Concert Attendance based on the number of semesters they are in residency at UT as follows:  
 8+ semesters at UT = 6 semesters passing MUS 269  
 7 semesters at UT = 5 semesters passing MUS 269  
 6 semesters at UT = 4 semesters passing MUS 269  
 5 semesters at UT = 3 semesters passing MUS 269  
 4 semesters at UT = 2 semesters passing MUS 269  
 3 semesters at UT = 1 semester passing MUS 269  
 2 semesters at UT = 1 semester passing MUS 269

#### Performance and Production Techniques

MUS 238	Music Theater Workshop	1
MUS 448	Musical Theatre Senior Showcase	1
THR 240	Theatre Participation	0-1
THR 241	Musical Participation	0-1
THR 242	Cabaret Participation	0-1
THR 245	Technical Theatre	1

**Subtotal: 3-6**

THR 241: musical theatre majors are required to audition for University musical theatre productions. Without prior consultation with the director of the production, students' participation in the audition process constitutes their agreement to accept any role offered. A student must accept the role or they risk

losing their scholarship Students who do not adhere to this policy will not be allowed to audition for any productions or participate in departmental events for the remainder of that academic year.

#### Actor Training Sequence

SPE 100	Voice and Diction	4
THR 101	Improvisation for the Theatre	3
THR 200	Movement for the Actor	3
THR 201	Acting I for Majors	3
THR 202	Acting II for Majors	3
THR 308	Development of Musical Theatre	3
THR 320	Play Analysis	4

**Subtotal: 23**

#### Dance Training Sequence

	One of the following:	
DAN 110	Ballroom Dance I	3
DAN 210	Ballroom Dance II	3
DAN 145	Dance Partnering for the Stage and	3
DAN 141	Beginning Jazz Dance I or	3
DAN 241	Intermediate Jazz Dance and	3
DAN 144	Beginning Tap Dance or	3
DAN 244	Intermediate Tap Dance and	3
DAN 149	Beginning Ballet I and	3
DAN 246	Musical Theatre Dance	3

**Subtotal: 15**

Subtotal: 77-81

**Total Credit Hours: 72-76**

### Theatre

#### Theatre Major

Students majoring in this Bachelor of Arts degree program receive training and experience in theatre. They develop performance skills and repertoire, and participate in main stage and/or studio theatre productions. The program consists of intensive training and development of performance skills through contact with a variety of acting techniques. An audition is required for admission to the program. Contact the director of the theatre program to schedule an appointment.

Students accepted into the program must successfully pass a second-year evaluation review, administered in the spring semester of the second year of study (or, for transfer students, after 60 credit hours are earned). Transfer students who are admitted with junior status are exempt from the evaluation. The second-year evaluation review is to demonstrate the individual's growth in technique, and indicate the potential for further skill development. The student also must have a minimum cumulative GPA of 2.0 to continue in the major. Any student who does not successfully complete the evaluation review either will be given probationary continuance in the major

(requiring repetition or completion of specified coursework) or will not be allowed to continue in the major. A senior capstone project is required in the final year of study to illustrate the overall growth of the student as a theatre artist.

#### Degree Requirements

##### Requirements for Theatre Major

SPE 100	Voice and Diction	4
SPE 205	Oral Performance of Literature	4
		<b>Subtotal: 8</b>

##### Theatre Studies Component

THR 253	Survey of World Theatre	4
THR 254	Survey of World Theatre II	4
THR 245	Technical Theatre	1
THR 246	Stage Management and Design	1
THR 320	Play Analysis	4
THR 420	Survey of Dramatic Literature	4

**Subtotal: 18**

THR 420 Information: students may substitute appropriate ENG dramatic literature courses. Courses such as LIT 282-289 and LIT 309-311 are acceptable. However, students should consult with the program director regarding any course substitutions.

##### Actor Training Component

THR 101	Improvisation for the Theatre	3
THR 200	Movement for the Actor	3
THR 201	Acting I for Majors	3
THR 202	Acting II for Majors	3
THR 301	Acting III for Majors	3
THR 302	Career Development for the Actor and	3
DAN 142	Beginning Modern Dance I or	3
DAN 149	Beginning Ballet I	3

**Subtotal: 21**

##### One of the Following Courses

THR 401	Acting Shakespeare	3
THR 402	Advanced Acting Styles	3
THR 425	Directing	3

**Subtotal: 3**

##### Performance and Production Techniques

THR 240	Theatre Participation	0-1
THR 241	Musical Participation	0-1
THR 242	Cabaret Participation	0-1
THR 243	Studio Theatre Participation	0-1
THR 244	Logos: Spoken Word Performance Ensemble	0-1
THR 448	Theatre Senior Capstone Project	1

**Subtotal: 2-5**

THR 240-244 are optional electives.

#### THR 240-244 and THR 245 Information

Students in the theatre major may enroll in THR 240, THR 241, THR 242, THR 243 or THR 244 which are the production participation courses (Theatre Participation, Musical Theatre Participation, Cabaret Participation, Studio Theatre Participation and Logos:



Spoken Word Ensemble) for a maximum of 3 credit hours as optional electives.

THR 245 Technical Theatre is a required course. These courses are designed to give student college credit for the practical experience gained while performing in, or technically assisting with, a musical production or theatre presentation at The University of Tampa.

THR 240: Theatre majors are required to audition for University Theatre productions. Without prior consultation with the director of the production, students' participation in the audition process constitutes their agreement to accept any role offered. If cast in a part, the student must accept the role or risk losing his or her scholarship. Students who do not adhere to this policy will not be allowed to audition for any productions or participate in departmental events for the remainder of that academic year.

#### Suggested Elective Courses

LIT 200	Introduction to Shakespeare	4
LIT 201	World Literature I	4
LIT 202	World Literature II	4
LIT 307	Shakespeare's Romances and Tragedies	4
LIT 308	Shakespeare's Comedies and Histories	4
WRI 240	Writing Drama	4
WRI 247	Dramatic Writing for Radio and Alternative Performance	4

#### THEATRE SENIOR CAPSTONE PROJECT INFORMATION

Students in the theatre major are required to participate in a theatre senior capstone project during their final year for the completion of the degree program.

**Subtotal: 52-55**

#### Minor in Speech/Theatre

Students interested in pursuing a minor in speech/theatre are required to complete 24 credit hours in courses that are designated as either SPE or THR. Students must fulfill 12 credit hours of required coursework as stated below. The remaining 12 credits required for the minor are elective courses chosen by the student. Students are given the opportunity to design a program of study that will best suit their academic needs, as well as draw upon their talents and expertise in the disciplines of speech, theatre or both. A total of 8 credit hours must be selected from Group A electives and 4 credit hours from Group B electives. THR 240, 241 and 242 may be repeated for credit. However, students may not register for these courses more than four times toward the fulfillment of a minor in speech/theatre.

#### Degree Requirements

##### Coursework for the minor in speech/theatre:

SPE 100	Voice and Diction	4
THR 204	Acting I for Non-Majors	3
THR 245	Technical Theatre	1

THR 253	Survey of World Theatre or	4
THR 254	Survey of World Theatre II	4

**Subtotal: 12**

#### Elective Courses – Group A

SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
THR 240	Theatre Participation	0-1
THR 241	Musical Participation	0-1
THR 242	Cabaret Participation	0-1
THR 243	Studio Theatre Participation	0-1
THR 244	Logos: Spoken Word Performance Ensemble	0-1
THR 304	Acting II for Non-Majors	3
THR 308	Development of Musical Theatre	3
THR 320	Play Analysis	4
THR 401	Acting Shakespeare	3
THR 425	Directing	3

**Subtotal: 8**

#### Elective Courses – Group B

SPE 208	Speech for Business and the Professions	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 300	Storytelling: Voice, Script and Movement	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 330	Special Topics in Speech	2-4
SPE 400	Public Messages and Technology	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24**

#### Dance Minor

##### Dance/Theatre Minor

Students interested in pursuing a minor in Dance/Theatre are required to fulfill 24-25 credits in courses designated as DAN or SPE/THR. The following outline of coursework, as well as a listing of the various options for electives, should better help students design a minor program that draws upon their skills and expertise in the disciplines of dance and theatre.

#### Degree Requirements

##### Coursework for Dance/Theatre Minor

DAN 201	Dance History	4
SPE 300	Storytelling: Voice, Script and Movement	4
THR 253	Survey of World Theatre or	4
THR 254	Survey of World Theatre II	4

**Subtotal: 12**

#### Electives

DAN 110	Ballroom Dance I	3
DAN 141	Beginning Jazz Dance I	3

DAN 142	Beginning Modern Dance I	3
DAN 144	Beginning Tap Dance	3
DAN 145	Dance Partnering for the Stage	3
DAN 149	Beginning Ballet I	3
DAN 151	Beginning Hip Hop, Urban and Funk	3
DAN 197	Beginning Jazz Dance II	3
DAN 198	Beginning Modern Dance II	3
DAN 199	Beginning Ballet II	3
DAN 200	Dance in World Cultures	4
DAN 231	Dance Happening Repertory	0-1
DAN 232	Spring Dance Concert Repertory	0-1
DAN 241	Intermediate Jazz Dance	3
DAN 242	Intermediate Modern Dance	3
DAN 244	Intermediate Tap Dance	3
DAN 246	Musical Theatre Dance	3
DAN 249	Intermediate Ballet	3
DAN 261	Stretching and Relaxation	2
DAN 269	Dance Improvisation	1
DAN 270	Composition and Choreography	1
DAN 330	Special Topics in Dance	1-4
DAN 342	Advanced Contemporary Dance	3
DAN 349	Advanced Ballet	3
SPE 200	Oral Communication	4
SPE 205	Oral Performance of Literature	4
THR 101	Improvisation for the Theatre	3
THR 200	Movement for the Actor	3
THR 201	Acting I for Majors	3
THR 202	Acting II for Majors	3
THR 204	Acting I for Non-Majors	3
THR 240	Theatre Participation	0-1
THR 241	Musical Participation	0-1
THR 242	Cabaret Participation	0-1
THR 243	Studio Theatre Participation	0-1
THR 244	Logos: Spoken Word Performance Ensemble	0-1
THR 245	Technical Theatre	1
THR 304	Acting II for Non-Majors	3
THR 320	Play Analysis	4
THR 401	Acting Shakespeare	3
THR 425	Directing	3

**Subtotal: 12-13**

Subtotal: 0

**Total Credit Hours: 24-25**

### *Dance Minor*

The Dance minor requires 26 hours of coursework that provides students with a basic introduction to teaching dance to a wide variety of populations. This minor consists of dance technique and pedagogy, in addition to specific coursework related to the field of dance.

### *Degree Requirements*

#### **Coursework for Dance Minor**

DAN 102	Applied Dance Fundamentals I	2
DAN 201	Dance History	4
DAN 202	Applied Dance Fundamentals II	2
DAN 241	Intermediate Jazz Dance	3
	or	
DAN 244	Intermediate Tap Dance	3

DAN 242	Intermediate Modern Dance	3
	or	
DAN 342	Advanced Contemporary Dance	3
DAN 249	Intermediate Ballet	3
	or	
DAN 349	Advanced Ballet	3
DAN 302	Applied Dance Fundamentals III	2
DAN 320	Dance Anatomy, Kinesiology and Injury Prevention	3

**Subtotal: 22**

#### **And one of the following courses**

DAN 380	Teaching Methods for Dance	4
DAN 480	Teaching Methods for Community and Diverse Populations	4

**Subtotal: 4**

Subtotal: 26

**Total Credit Hours: 26**

## **Women's and Gender Studies**

### *Women's and Gender Studies Minor*

Faculty:

Director: Assistant Professor KaneSteering Committee: Associate Professors Davis, Tillman; Assistant Professors Clements, Firestone, Fryett, MenziesAssociated Faculty: Professors Geisz, Hidalgo-Calle, McGraw Groh, Ochshorn, Plays; Associate Professors Bacci, Hardin; McAlister; Assistant Professors Cooper, Harder, Pompeian, Sumerau

The Women's and Gender Studies Program is dedicated to promoting research and scholarship about women and gender through an approach that embraces the foundational notion that gender and sexuality are informed by various social categories, including those that are cultural, political, and economic. Through an interdisciplinary framework – including the fields of Art, Communication, History, Language, Literature, Philosophy, Psychology, and Sociology – we foster a critical space from which to examine the intersections of oppression, inequality, and discrimination in relation to race, class, age, nation, and ability. Supported by feminist and queer theories among other paradigms, this Program advocates for research and activism in the name of social justice while working to combat sexism, heterosexism, homophobia, racism, classicism, and ethnocentrism. Courses offered engage a variety of viewpoints (including authors of varying social classes, abilities, nationalities, genders, and sexual orientations) and a variety of focuses (including women film directors and the history of sexuality). We also look to broader elements such as global networks of women and transnational feminist movements.

Students who enroll in Women's and Gender Studies courses will:

1. Compare and challenge notions of gender, gender identity, and sexuality as they are informed by

and as they function in various social, economic, cultural, and political contexts.

2. Compare and challenge notions of gender, gender identity, and sexuality as they intersect with race, ethnicity, nationality, class, age, and ability in these different contexts.

3. Learn and employ intersectional frames of analysis in academic research, creative expression, collaborative scholarship, advocacy, and activism.

### *Degree Requirements*

#### **Requirements for Women's and Gender Studies Minor**

WST 383	Women's Studies	4
<b>Select Four from the Following Courses</b>		
ART 323	Women in Art	4
COM 370	Women, Film and Popular Culture	4
COM 435	Women Directors: Theory and Criticism	4
HIS 212	Witchcraft and Magic in the Early Modern Atlantic World	4
HIS 215	Women in American History	4
HIS 229	History of Sexuality	4
LIT 238	Women's Literature	4
PHL 205	Feminist Philosophy	4
PHL 399	Philosophy of Sex	4
PSY 404	Human Sexual Behavior: Seminar	4
SOC 307	Families in Global Perspective	4
SOC 320	Sociology of Gender	4
SPA 441	Hispanic Women Writers	4
WST 125	Introduction to Women's Studies	4
WST 290	Special Topics	4
WST 383	Women's Studies	4
WST 360	Special Topics	4

**Subtotal: 20**

(Eight of the 20 credit hours must be at the 300 and 400 levels, including WST 383, which is a required course for this minor.)

Subtotal: 20

#### **Total Credit Hours: 20**

Additional courses approved by the program director of Women's and Gender Studies and by the Curriculum Committee may be used to satisfy the Women's and Gender Studies minor.

# Sykes College of Business

Business education for the future relies on innovation and adaptation of curriculum programs to ensure that students are ready for a competitive world. A business school faculty must disseminate applicable research knowledge to students and the community to enable them to face the challenges of ever-changing technology and global business practices. The faculty must enable students to develop the necessary skills and knowledge to become effective, visionary leaders and decision-makers with a strong ethical foundation, a global perspective and outstanding communication skills. The College's mission is promoted through educational programs, scholarship and community engagement.

## *Vision*

To be a preeminent business school for preparing global business leaders.

## *Mission*

Preparing students to succeed globally through multifaceted, experiential, and academic learning opportunities.

## *Values and Goals*

- **People First:** We attract, develop, and support talented students, faculty, and staff embracing diversity within an equitable and inclusive environment.
- **Teaching Excellence:** We focus on teaching excellence and high-quality student-centered education by preparing learners for success in technologically changing, complex business environments.
- **Dynamic Programs:** We offer academically challenging and innovative graduate and undergraduate programs that prepare lifelong learners for the dynamic local, regional, and global workplace.
- **Scholarship:** We enhance faculty teaching effectiveness and advance business knowledge through impactful, high-quality intellectual contributions and scholarship.
- **Partnership:** We form strong alliances with universities, communities, and businesses through our Centers, Institutes, and other programs which impact our local and global communities by enhancing learning and engagement.

## *Program Description*

In support of its mission, the Sykes College of Business (COB) has developed a curriculum with three interconnected parts, stressing a strong liberal arts

foundation, a broad business program base and functional specialization.

The first part of the program focuses on a broad liberal arts and sciences background. Students develop an understanding of the cultural, social, political, economic, international, scientific and technological environments in which individuals and organizations exist.

The second part of the curriculum consists of the business core. These courses provide students with a solid foundation for careers as managers or business-related professionals. This part of the curriculum also provides students with an understanding of the dynamics of the firm and the economy, introducing them to the various functions generic to any organization, as well as to the basic behavioral, managerial and organizational concepts necessary to function successfully in an organization. Students see the interaction between the firm and its environment, gaining an overall view of policy-making within an organization and its function within a global marketplace.

The third component of the curriculum provides students with an opportunity to specialize in a functional area to develop business expertise and a greater mastery of business tools and technology. The curriculum is further enriched by numerous business-community interaction opportunities, e.g., guest presentations from area executives, field trips, internships and class projects focused on real business problems with area companies. It is enhanced by the special activities of the Center for Ethics, the TECO Energy Center for Leadership, the John P. Lowth Entrepreneurship Center, Florida Directors' Institute, the Institute for Sales Excellence, and the Naimoli Institute for Business Strategy.

Students also learn the basic tools required for effective professional communication. The purpose of this aspect of the curriculum is to build a broad foundation for assuming greater leadership responsibilities over time. The sum total of this three-part curriculum prepares students for competitive careers in business and future roles as leaders in a dynamic global marketplace.

The graduate and undergraduate programs in the Sykes College of Business are accredited by AACSB International — the Association to Advance Collegiate Schools of Business. This premier business-accrediting agency emphasizes quality and continuous improvement in curriculum, faculty resources, admissions, degree requirements, library and computer facilities, financial resources and intellectual climate as they relate to the College's vision and mission.

The bachelor's degree in Management Information Systems is additionally accredited by the Computing

Accreditation Commission of ABET — the Accreditation Board for Engineering and Technology.

### *College of Business Requirements*

#### *Declaration of College of Business Major*

The Sykes College of Business seeks to effectively advise, track and communicate with its students. To do this, students who intend to graduate with a major in accounting, economics, business information technology, cybersecurity, entrepreneurship, finance, financial enterprise systems, international business, management, management information systems or marketing should declare a major in one or more of these areas before completing 62 credit hours.

#### *Advisors*

Every Sykes College of Business student is assigned a business faculty advisor starting with their sophomore year and after declaring a business major. Students who have not yet declared their majors but are interested in business should request College of Business faculty advisors through the Academic Advising Office. To help students select a specific business major, students learn about every functional area of business in BUS 101, Introduction to Global Business. In addition, students who have not decided on their majors are encouraged to explore career options through the Baccalaureate Office, the Office of Career Services and through discussions with College of Business faculty.

#### *Prerequisites*

Prerequisites are imposed to ensure that students have obtained the background information necessary to receive maximum value from each class. Prerequisites for a class must be successfully completed before students may enroll in the class. Failure to meet prerequisites will result in the student being dropped from the class.

#### *COB Residency Requirements*

A student earning a degree with a major in economics, entrepreneurship, finance, international business, management or marketing must complete at least 26 credit hours within the Sykes College of Business. At least 15 of these hours must be in the student's major (courses beyond the business core).

A student earning a degree with a major in accounting, business information technology, cybersecurity, financial enterprise systems, or management information systems must complete at least 30 credit hours within the Sykes College of Business. At least 15 of these hours must be in the student's major (courses beyond the business core).

#### *COB Grade Point Average Requirements*

COB majors must earn 22 credit hours of 100-level and 200-level required COB courses with a minimum GPA of 2.25 before taking 300- and 400-level COB courses. This GPA is computed by taking the highest

grades in 100-level and 200-level required COB courses until at least 22 credit hours are reached. Additionally, all business majors must have a minimum GPA of 2.0 in the courses required to complete the specified major. For this purpose, "specified major" is defined as required courses beyond COB core courses.

#### *Maximum Sykes College of Business Credits*

To ensure that all business students have the broad-based education necessary to succeed in the business world, they need to have a balanced exposure to both liberal arts and business concepts. To meet these needs, at least 62 credit hours must be taken outside the College of Business. ECO 204, ECO 205, QMB 210 and QMB 380 are counted in the non-business group.

For recommended computing standards, see the Campus Services section of this catalog.

#### *Independent Study and Special Studies Courses*

An independent study course is designed by the professor and student and is not to be identical to any other course offerings that term. A special studies course is designed to be a substitute for an existing course that a student is unable to take for an approved reason. Independent and special studies courses are offered on a limited basis and only in cases of hardship on the part of the student (e.g., graduating senior with schedule conflicts) or for special projects for outstanding students. In either case, the sponsoring professor, the department chair and the associate dean must approve the registration. See the course descriptions to determine if an independent study may count toward the requirements of the major. No special studies courses are allowed for courses in the Sykes College of Business core.

#### *Internships*

Students who qualify may count up to 8 hours of internship credit toward their 124-credit baccalaureate degrees. The remaining 116 credit hours must be non-internship credits. Only students majoring in Entrepreneurship can count internship credit toward major electives. Internships, except for those in accounting, are coordinated by a COB internship coordinator. An accounting internship coordinator coordinates accounting internships. In order to qualify for an internship, a student must have junior or senior standing and be considered "in good standing." Additional requirements may apply to internships in each of the COB majors. To register for an internship, the student must submit a permission form to the internship coordinator, along with a job description from the employer. The internship coordinator must approve all internships. Forms are available in the associate dean's office.

All undergraduate internships have a GPA requirement of 2.25 in COB courses, including:

- ECO
- ENT
- FIN
- ITM
- MGT
- MKT

For Accounting: 2.25 overall and 3.0 in four upper level accounting classes.

*COB Degree Requirements*

**COB Core Requirements**

BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
ITM 220	Management Information Systems	4
QMB 210	Business Statistics and Analytics	4
FIN 310	Financial Management	4
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4
MGT 431	Practical Strategic Assessment	4

**Subtotal: 48**

Students majoring in Cybersecurity, Entrepreneurship and International Business and Entrepreneurship are not required to take MGT 431.

**COB Communication Requirement**

One of the following

SPE 208	Speech for Business and the Professions	4
SPE 308	Group Presentation and Leading Change	4

**Subtotal: 4**

**COB Math Requirement**

One of the following

MAT 225	Calculus for Business	4
MAT 260	Calculus I	4

**Subtotal: 4**

**Other Recommended Courses**

CAR 401 Job Search Strategies

This 1-credit course for juniors and seniors provides students with an introduction to current trends in job search strategies. Students will learn about résumé development, interviewing techniques, proper correspondence, résumés for the Internet and job searching through various media. The class involves professional lectures, group discussions, research methods, guest lecturers and class assignments.

All students are encouraged to take this course.

**College of Business Student Organizations**

The Sykes College of Business has numerous student organizations. These organizations provide students with the opportunity to meet people, gain leadership skills, network with business professionals and interact with faculty.

The *Adam Smith Society* is a College of Business honor society for students of both economics and economic policy. Student members are selected based on both an interest and general competence in the economic way of thinking. The charge of this faculty-mentored student organization is to expose the student members to what economists do in the real world, to introduce them to the different points of view from leagues of professional economists in the marketplace and to encourage enriched interaction between students, faculty and community leaders, all of whom share an interest in real-world economics.

*Alpha Iota Mu* is the honor society for information systems. The purpose of AIM is to foster academic excellence, to promote high ethical standards among information systems professionals and to encourage the growth of the profession. AIM is affiliated with the Association for Information Systems, and recognizes outstanding management information systems, cybersecurity and financial enterprise systems juniors and seniors who have earned a GPA of 3.5 or higher and faculty recommendation.

The *American Marketing Association* collegiate chapter promotes student interaction with marketing professionals, both nationally and through the Tampa Bay Chapter. Through active participation and involvement, members gain practical marketing, advertising, management, promotion and financial experience. This award-winning chapter has excelled in community fundraising and marketing efforts and offers to students real-world local projects, important marketing connections and interviewing opportunities.

*Beta Alpha Psi* (BAP) is an international honor organization for accounting and financial professionals. BAP recognizes academic excellence and complements members' formal education by providing interaction among students, faculty, and business professionals to foster lifelong growth, service, and ethical conduct. See the Beta Alpha Psi website at <http://www.utbap.com/>.

*Beta Gamma Sigma* is the international honor society for collegiate business programs at AACSB-accredited institutions. Members must be business majors in the upper 10 percent of the junior or senior class or the upper 20 percent of the graduate business class, be nominated by a BGS faculty member and be invited to join. See the Beta Gamma Sigma website at <https://betagammasigma.org/>.

The *Business and Technology Club* at The University of Tampa (Technology Club @UT) organizes

informational and networking events related to the business uses of digital-based technology. The club is open to students from all majors at The University of Tampa. Working with Tampa area associations and companies (e.g., Tampa Bay Tech, Microsoft, Gartner), club members meet with senior and executive members of organizations from a variety of industries to learn about the uses of technology, internship and employment opportunities, and to provide service to the Tampa Bay community.

The *Cybersecurity Club* is an organization whose purpose is to bring an awareness of the opportunities in cybersecurity and expand the knowledge of students in the field via meetings, workshops and other cybersecurity-related events.

The *Dean's Student Advisory Group* is composed of student leaders and students who have been recommended by the faculty to advise the dean on the vision, mission and direction of the Sykes College of Business. The group also provides a forum for students to provide comments and requests to the administration of the College. These student representatives are from each of the undergraduate and graduate programs in the Sykes College of Business. Meetings are generally held two times per semester.

*Delta Sigma Pi* is a professional fraternity organized to encourage the study of business among students. Members sponsor many professional and community service events each semester.

*Digital Marketing Club* at The University of Tampa (DMCUT) aims to provide students with learning and networking opportunities with experts in the rising fields of online marketing, digital advertising, and marketing analytics.

The *Institute of Management Accountants Student Chapter* (IMASC) is a chapter of the worldwide association of accounting and financial professionals. IMASC exposes students to the breadth of career opportunities in accounting and finance, sponsors presentations and discussions with business leaders and alumni, help students with professional development, and provides leadership and community service opportunities.

The *Microfinance Club* at The University of Tampa aims to provide students the opportunity to learn and gain real life experience in the microfinance industry. The primary objective is to provide small, low interest, micro loans to impoverished individuals to start or maintain a small business, creating a means out of poverty for individuals without reliance on handouts.

*Omicron Delta Epsilon* is an international honor society in economics that recognizes superior academic achievement by both graduate and undergraduate students who have demonstrated an interest and aptitude in economics. Membership provides students an opportunity to attend and participate in ODE student sessions at regional, national and international economics conferences. Research papers from

promising students may also be submitted for publication in ODE's journal, *The American Economist*.

*Phi Kappa Phi* is the nation's oldest, most selective, most prestigious, all discipline honor society. Membership is by invitation only. Top 7.5% of junior and top 10% of senior and graduate students are invited to join.

The *Student Chapter of the Financial Management Association* is an organization that provides relevant information on the latest developments and opportunities in the area of finance.

The *Student Environment Action Coalition* exists for the betterment of the University of Tampa as a whole. It is a student and youth run national network of progressive organizations and individuals whose aim is to uproot environmental injustices through action and education. We define the environment to include the physical, economic, political, and cultural conditions in which we live. By challenging the power structure which threatens these conditions, students in SEAC work to create progressive, social change on both the local and global levels.

*UT Entrepreneurs* is the official Tampa Bay chapter of the Collegiate Entrepreneur's Organization (C.E.O). The UT Entrepreneurs aims to provide a professional environment in which any type of entrepreneurial notion can prosper. The club help students facilitate their mission of becoming entrepreneurs by providing various opportunities as well as a supportive atmosphere. Members have the opportunity to meet with successful, powerful and prosperous entrepreneurs in and around the Tampa Bay area.

## College of Business Centers and Institutes

### *Center for Ethics*

The Center for Ethics is dedicated to educating individuals on the importance of ethics in business by providing educational and professional resources to promote the use of sound ethical analysis, high standards of ethical behavior and individual responsibility in the academic, business and civic communities. The center is supported by an advisory board of community leaders that uphold strong ethical standards in business and commit to the mission of the center. These individuals provide practical resources and professional experience in the field of business ethics. Student members of the board are selected on the basis of ethical character and personal and educational values that align with the center's mission and campus initiatives.

The center conducts annual and bi-annual events to bring awareness to the University and Tampa Bay communities. The Tampa Bay Business Ethics Award is presented each year to an individual from the Tampa Bay community who demonstrates integrity, virtue and character within their personal and professional

activities. The Student Ethics Award is presented to a Sykes College of Business undergraduate student who exemplifies high ethical standards, upholds social responsibility practices in the community and exhibits strong potential for professional success. Additionally, the Ethics Hot Seat Speaker Series presentations are dedicated to bringing outstanding speakers to campus to engage our students, faculty, alumni and the business community in thought-provoking dialogue about ethical issues. See the Center for Ethics website at <http://www.ut.edu/centerforethics/>.

### ***TECO Energy Center for Leadership***

The TECO Energy Center for Leadership is engaged in developing programs to prepare future world business leaders by offering a variety of programs to undergraduate and graduate students, as well as the local community. The interdisciplinary minor in Leadership Studies combines theory and practice; students have the opportunity to learn about leadership and then experience it. The Leadership Coaching program brings together MBA students with leaders in Tampa Bay. The Modern Advances in Leadership Certificate Program is designed to provide transformative and interactive learning experiences for individuals and organizations seeking to advance their leadership skills. Our breakthrough programs combine the latest training, coaching and experiential learning tools that significantly impact organizations and their leaders. See the TECO Energy Center for Leadership website at <http://www.ut.edu/cfl/>.

### ***Florida Directors' Institute***

The Florida Directors' Institute is the collaborative result of work between The University of Tampa and national and local professional associations and service providers to improve corporate governance practices in Florida. The Florida Directors' Institute delivers short programs for public and large private company boards of directors and officers, supports applied research by faculty and engages UT students in an annual essay competition on corporate governance topics. See the Florida Directors' Institute website at <https://www.ut.edu/floridadirectorsinstitute/>.

### ***The Institute for Sales Excellence***

The Institute for Sales Excellence promotes the advancement in the field of professional selling by preparing the next generation of sales leaders. The Institute for Sales Excellence has four specific functions: prepare students for careers in professional business-to-business sales, encourage networking between students and businesses, serve as a staffing resource for regional, national and global firms, and provide learning resources for local and regional businesses. See the Institute for Sales Excellence website at <http://www.ut.edu/salesexcellence/>.

### ***The Naimoli Institute for Business Strategy***

The Naimoli Institute administers the Strategic Analysis Program, which is designed as a partnership in learning between UT and the business community. The program is an innovative part of the capstone courses (MGT 431 and MGT 615) for Sykes College of Business undergraduate and MBA students. Each student in the program is assigned to a team that writes a strategic analysis of an organization with a local office. Students get firsthand experience addressing strategic problems in real organizations, and the client organizations get rigorous analysis and recommendations aimed at improving their performance. The analysis reflects the students' efforts to integrate all the areas of business that they have studied in their coursework in the Sykes College of Business. At the end of the semester, each student team presents its analysis and plan to the organization's leaders. See the Naimoli Institute website at [www.ut.edu/naimoli/](http://www.ut.edu/naimoli/).

### ***John P. Lowth Entrepreneurship Center***

The Lowth Entrepreneurship Center in the Sykes College of Business is a nationally recognized center for the study of entrepreneurship Programs provided through the Center engage the Florida business community in the learning experience and are available to any graduate or undergraduate student at The University of Tampa, regardless of major. The Center supports the entrepreneurship curriculum through extracurricular programs and events that provide students with the chance to gain skills that will help them plan successful careers and viable businesses based on their unique talents. Students learn through experiential education and exposure to entrepreneurs. Programs include the UT Entrepreneurs Club, the Spartan Accelerator, UT Alumni group, business plan competitions, speaker series programs, internships, a mentoring program and many more. See the John P. Lowth Entrepreneurship Center website at <http://www.ut.edu/entrepreneurcenter/>.

### ***Certificate in Business***

Post Baccalaureate Certificate in Business

This certificate will provide students with a broad background in business by requiring courses in the major functional areas of business. It is designed for students who have earned degrees in areas other than business. It may also help prepare non-business undergraduate majors wishing to pursue a graduate degree in business. Full-time students can complete the certificate in three semesters. Students complete 40 credit hours of specified courses with a grade of "C" or better in each course. Up to 8 credit hours may be waived for equivalent courses taken at a regionally accredited institution within the past five years. A grade of "C" or better must have been earned for the course to be waived. Admission requirements are the same as admission requirements for an undergraduate degree at The University of Tampa. Students who have



earned a degree in business from a regionally accredited institution are not eligible to apply for the certificate.

### *Degree Requirements*

#### **Requirements List**

BUS 101	Introduction to Global Business	4
ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
QMB 210	Business Statistics and Analytics	4
ITM 220	Management Information Systems	4
FIN 310	Financial Management	4
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4

**Subtotal: 40**

### *Business Administration Minor*

### *Degree Requirements*

#### **Requirements for a minor in business administration:**

(Sykes College of Business majors are not eligible for this minor.)

BUS 101	Introduction to Global Business	4
ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
QMB 210	Business Statistics and Analytics	4
ITM 220	Management Information Systems	4

**Subtotal: 28**

#### **One of the following:**

FIN 310	Financial Management	4
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4

**Subtotal: 4**

**Total Credit Hours: 32**

## **Accounting**

**Faculty:** Associate Professor Rossing, Director; Professor Platau; Associate Professors Bostick, B. Fulmer, Keener, Marley, Robinson and Walters; Assistant Professors Alfonso, Baaske, Beck, S. Fulmer, Klevsky and Kralik; Instructors Baker, Gambol, Goodwin, and Green.

Accounting is often called the language of business. Businesses prepare financial statements that express the decisions and actions taken by its management by showing the financial position, operating performance, and sources and uses of cash to a wide set of users of financial information. External users evaluate profitability, financial and operating risks and investment potential of the business, while internal users assess whether resource are allocated efficiently in pursuit of the organization's strategic objectives. All organizations, regardless of size or whether they are for-profit or not-for-profit, rely on accountants to

record and report on the economic activities of the business.

The Department of Accounting has established four primary goals that reflect the core competencies expected of an accounting major. The four areas and competencies are:

**Ethics:** Our students can analyze ethical dilemmas from an accounting perspective.

**Critical Thinking:** Our students can analyze business problems and develop solutions

**Professional Competency:** Our students can use professional skills to add value to their accounting professional activities.

**Global Business Expertise:** Our students will learn modern professional accounting theories, techniques, methods, and/or standards used by global business entities.

The curriculum is tailored to expose students to specific areas of accounting, including financial and managerial accounting, taxation, auditing and accounting information systems.

Graduates of the accounting program consistently secure excellent positions or are accepted to top graduate school programs across the country. UT accounting graduates enjoy successful careers in a range of disciplines including public accounting, corporate accounting, government accounting, business taxation, forensic accounting and more. They secure positions in public and private corporate organizations.

Florida and over 45 other states require a fifth year of education to qualify as a CPA. Students can complete this requirement in the Master of Science in Accounting program. The M.S. in Accounting is a 32-credit degree program that prepares students for professional accounting careers and meets the accounting educational requirements for the state of Florida. A post-baccalaureate non-accounting business major wishing to complete the requirements for the M.S. program may enroll to earn the Certificate in Accounting.

### *Accounting Major*

### *Degree Requirements*

#### **Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4

MKT 300	Principles of Marketing	4
MGT 431	Practical Strategic Assessment	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56**

**Requirements for a major in accounting:**

ACC 099	Non-Credit Service Requirement for Accounting Majors	0
ACC 304	Cost Accounting	4
ACC 320	Intermediate Accounting I	4
ACC 351	Accounting Information Systems	4
ACC 352	Federal Taxation I	4
ACC 401	Auditing and Attestation	4
ACC 420	Intermediate Accounting II	4

**Subtotal: 24**

**Total Credit Hours: 80**

*Accounting Minor*

*Requirements for a minor in accounting*

**Requirements List**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ACC 320	Intermediate Accounting I	4

**Subtotal: 12**

**and two of the following**

ACC 304	Cost Accounting	4
ACC 351	Accounting Information Systems	4
ACC 352	Federal Taxation I	4
ACC 420	Intermediate Accounting II	4

**Subtotal: 8**

**Total Credit Hours: 20**

*Certificate in Accounting*

Post Baccalaureate Certificate in Accounting  
 Only students with an undergraduate business degree from an accredited university are eligible for this certificate. Thus, the BUS 101 prerequisite is waived for BUS 221. The purpose of the certificate is to recognize the achievement of satisfying the prerequisites for the MS-ACC program for non-accounting business majors. It is expected that virtually all students will already have taken the equivalent of ACC 202 and ACC 203 in their undergraduate business studies. Additionally, students may receive transfer credit for two other courses. Students must take a minimum of five courses in residence and cumulatively have satisfied the MS-ACC prerequisites to receive the certificate.

*Certificate Requirements*

**Requirements List**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ACC 304	Cost Accounting	4
ACC 320	Intermediate Accounting I	4
ACC 351	Accounting Information Systems	4
ACC 352	Federal Taxation I	4
ACC 401	Auditing and Attestation	4

ACC 420	Intermediate Accounting II	4
BUS 221	Business Law and Social Responsibility	4

**Subtotal: 36**

**Business Information Technology**

**Faculty:** Professor Alhourani, Chair; Professors Jenzarli, Papp, Shirley, Veltri; Associate Professors Jain, Kam, Yayla; Assistant Professors Al-Abdullah, De Leoz, Farkas, Keshanian, Kim, Oruongo, Shang, Wang, Zhang, Zhong; Associate Teaching Professor Nisar; Lecturers I Bianco, Ghannadian, Marks; Visiting Lecturer I Kotaiche.

Information technology (IT) plays a key role in today's global competitive business environment. Businesses rely on technology to streamline processes, generate efficiency, and fuel innovation. A degree in business information technology provides students with a diverse set of business and technology skills that are necessary to succeed in the 21st-century global business environment. Students develop an understanding of how emerging technologies can be exploited to improve business efficiency and provide new business opportunities that can benefit the performance of a company and achieve its business goals. Students focus on studying web and mobile technologies and their application for businesses, create and manage databases based on business requirements, and utilize several technology solutions that support business strategies and objectives.

The program aims at providing students with a diverse set of business and technology skills from the user side other than from the designer or the developer side. The program also features an experiential learning approach, where students use contemporary software though the University's membership in several academic alliances such as SAP, the world leader in enterprise systems, and Microsoft Corp., and participate in real-world projects analyzing the technology needs for businesses to improve performance. Students have the option to earn additional certifications from SAP and other corporations

*Business Information Technology Major*

*Degree Requirements*

**Requirements list for a degree in Sykes College of Business**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4

MAT 225	Calculus for Business	4
MKT 300	Principles of Marketing	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56****Requirements for a major in business information technology**

BIT 275	Information Technology Business Concepts	4
BIT 345	Web and Mobile Technology Applications	4
BIT 365	Business Database Technology	4
BIT 475	Technology Solutions for Business	4

**Subtotal: 16****Two of the following**

ITM 251	Application Development	4
ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 340	Excelling with Excel	4
ITM 350	Information Security Principles	4
ITM 361	Operations Management	4
ITM 466	Business Intelligence and Analytics	4
FIN 319	Applied Finance and Accounting using Enterprise Resource Systems	4

**Subtotal: 8**

Subtotal: 80

**Total Credit Hours: 80****Cybersecurity**

**Faculty:** Professor Alhourani, Chair; Professors Jenzarli, Papp, Shirley, Veltri; Associate Professors Jain, Kam, Yayla; Assistant Professors Al-Abdullah, De Leoz, Farkas, Keshanian, Kim, Oruongo, Shang, Wang, Zhang, Zhong; Associate Teaching Professor Nisar; Lecturers I Bianco, Ghannadian, Marks; Visiting Lecturer I Kotaiche.

The University of Tampa's cybersecurity degree is a relevant, challenging program where students learn to protect the confidentiality, availability and integrity of information and information systems that support modern organizations. Students acquire a comprehensive education that focuses on both the fundamentals of information systems as well as advanced topics in areas such as network security, cryptography, risk management, security governance, business continuity, security architecture, physical security and critical infrastructures.

A key feature of the UT cybersecurity program is that it prepares students to take the Certified Information Systems Security Professional (CISSP) exam, as well as other relevant professional certifications. The program also gives students extensive hands-on experience using industry standard tools in a modern cybersecurity lab. Demand for certified security professionals is expected to rise as global commerce

and modern society becomes increasingly dependent on information systems and related technologies. UT's cybersecurity degree develops students to be leaders in the growing cybersecurity field and employed by prominent organizations worldwide.

**Cybersecurity Major****Major Requirements**

All cybersecurity majors are required to take the standard set of University of Tampa and Sykes College of Business course requirements (with the exception of MGT 431). A minimum of a 2.0 GPA in the major is required for graduation.

**Degree Requirements****Requirements for a degree in the Sykes College of Business**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 52****Requirements for a major in cybersecurity**

ITM 251	Application Development	4
ITM 280	Network and Cloud Infrastructure	4
ITM 350	Information Security Principles	4
ITM 375	Information Security Standards, Risk Management and Compliance	4
ITM 380	Network Security	4
ITM 450	Cybersecurity Capstone	4
ITM 480	Ethical Hacking	4

**Subtotal: 28****One of the following**

ITM 318	Systems Analysis and Design	4
ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 340	Excelling with Excel	4
ITM 360	Advanced Application Development	4
ITM 408	Data and Information Management	4
ITM 415	Digital Forensic & Software Security	4
ITM 466	Business Intelligence and Analytics	4

**Subtotal: 4****Total Credit Hours: 84****Cybersecurity Minor****Degree Requirements****Requirements for a minor in cybersecurity**

A minimum of a 2.0 GPA in the minor is required for graduation.

Minors may take ITM 450 (Cybersecurity Capstone) with instructor permission only.

Students with a College of Business major must complete all requirements in the Cybersecurity minor, with at least 8 credit hours of courses that meet Cybersecurity requirements beyond the courses for their major.

BUS 101	Introduction to Global Business	4
ITM 220	Management Information Systems	4
ITM 280	Network and Cloud Infrastructure	4
ITM 350	Information Security Principles	4

**Subtotal: 16**

**Two of the following**

ITM 375	Information Security Standards, Risk Management and Compliance	4
ITM 380	Network Security	4
ITM 415	Digital Forensic & Software Security	4
ITM 450	Cybersecurity Capstone	4
ITM 480	Ethical Hacking	4

**Subtotal: 8**

Subtotal: 24

**Total Credit Hours: 24**

**Economics**

**Faculty:** Associate Professor Beekman, Chair; Professors Hoke, Stinespring; Associate Professors Agirdas, Blake, Blanco, Borja, Coon, Diaz Vidal, Jayakumar, Wood; Assistant Professors Petrova, Stockwell; Assistant Teaching Professors Aljahani, Dorrell, Milovanska-Farrington, Roby; Lecturer I Dieringer.

A student may choose a major in business economics leading to a Bachelor of Science degree or a major in economics leading to a Bachelor of Arts degree, but not both. While both the B.A. and B.S. in economics share the same required economics coursework, the B.A. has one more required elective and the B.S. includes the entire business core curriculum. This set of coursework provides B.S. students with a modern integrated business curriculum that includes broad exposure to each of the functional areas in business (accounting, finance, information technology, management and marketing) to accompany a solid foundation in economics. The economics field consists of two main areas: microeconomics, which addresses issues relating to individual firm behavior, including profit maximization, resource usage and price strategies; and macroeconomics, which relates to the broad issues that are national and global in scope, including economic growth, inflation, unemployment, fiscal and monetary policy, and the balance of payments. Courses in the curriculum are divided into these two broad categories.

While the minor in economics may be completed without calculus preparation, Calculus I (or Calculus for Business) is a prerequisite for several 300-level economics courses, and each of the 400-level courses in

economics (including ECO 460 Econometrics and ECO 461 Seminar in Economics).

*Economics Major, B.S.*

*Degree Requirements*

**Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56**

**Requirements for a B.S. degree in economics:**

ECO 320	Intermediate Microeconomics	4
ECO 321	Intermediate Macroeconomic Analysis	4
ECO 460	Econometrics	4
ECO 461	Seminar in Economics	4

**Subtotal: 16**

**Three of the following:**

ECO 300	Labor Economics	4
ECO 310	Environmental Economics and Management	4
ECO 315	International Economic Development	4
ECO 340	Game Theory	4
ECO 355	Economic History	4
ECO 360	Health Economics	4
ECO 420	Public Choice and the Economics of Politics	4
ECO 421	Mathematical Economics	4
ECO 430	International Economics and Finance	4
ECO 432	Economics of Emerging Markets	4
ECO 435	Forecasting	4
ECO 442	Monetary Economics	4

**Subtotal: 12**

**Total Credit Hours: 84**

*Economics Minor*

Requirements for a minor in economics: 20 credit hours in economics courses.

### Economics Major, B.A.

Undergraduate students may elect to earn a B.A. in economics. The Bachelor of Arts in economics allows students to combine a strong liberal arts background with an important functional area of business. The economics major provides students with an analytical framework that allows them to critically evaluate the performance of businesses and government economic policy in the context of the global marketplace.

#### Degree Requirements

##### Requirements for a B.A. degree in economics:

ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
ECO 320	Intermediate Microeconomics	4
ECO 321	Intermediate Macroeconomic Analysis	4
ECO 460	Econometrics	4
ECO 461	Seminar in Economics	4
ECO	Electives	16
QMB 210	Business Statistics and Analytics	4
MAT 260	Calculus I	4
	or	
MAT 225	Calculus for Business	4

**Subtotal: 48**

MAT 201 Introduction to Statistics (4 credit hours) may be substituted for QMB 210. This substitution is recommended for students planning graduate work in economics. MAT 260 Calculus I may substitute for MAT 225 Calculus for Business. This substitution is recommended for students planning graduate work in economics.

**Total Credit Hours: 48**

### Entrepreneurship

**Faculty:** Professor White, Program Coordinator and James W. Walter Distinguished Chair of Entrepreneurship; Professors Koutroumanis, Margetis, Tompson; Associate Professors Hertz, Pittz; Assistant Professors Alexiou, Crawford.

New business creation is the source of economic and job growth, and the means by which the economy transforms itself through new technologies, products and services. Graduates in this field develop the knowledge and skills required to start and operate an entrepreneurial venture with attention focused on creativity, innovation, developing an entrepreneurial mindset, new venture planning, entrepreneurial finance, entrepreneurial marketing research, and managing and growing a new business venture. The entrepreneurship major can be applied to either starting a business or working in an existing firm where creativity and innovation is a strategic advantage in today's competitive work environment.

### Entrepreneurship Major

#### Degree Requirements

##### Requirements for a degree in the Sykes College of Business:

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 52**

##### Requirements for a major in entrepreneurship:

ENT 320	Introduction to Entrepreneurship/Feasibility	4
ENT 360	New Venture Finance	4
ENT 420	Managing the Start Up Venture	4
ENT 487	Business Plan Development	4

**Subtotal: 16**

##### Two of the following:

BIT 345	Web and Mobile Technology Applications	4
BIT 365	Business Database Technology	4
ENT 330	Creativity and Innovative Problem Solving	4
ENT 380	Introduction to Hospitality Management	4
ENT 390	Managing the Family Business	4
ENT 475	Real Estate Venturing	4
ENT 490	Entrepreneurship Internship	1-8
ENT 495	Seminar in Entrepreneurship	4
	Any ENT course not already taken except internships and independent studies	4
FMX 310	Creative Coding	4
FMX 311	UX/UI User Experience & User Interaction	4
ITM 251	Application Development	4
ITM 360	Advanced Application Development	4
MGT 355	The Art and Science of Negotiation	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 370	Leadership and Change Management	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
MKT 371	Professional Selling and Sales Management	4

**Subtotal: 8**

**Total Credit Hours: 76**

**Entrepreneurship Minor**

*Degree Requirements*

**Requirements for a minor in entrepreneurship:**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
ENT 360	New Venture Finance	4
ENT 420	Managing the Start Up Venture	4
ENT 487	Business Plan Development	4

**Subtotal: 16**

Subtotal: 16

**Total Credit Hours: 16**

**Finance**

**Faculty:** Associate Professor Lee, Chair; Professors Bryant, Ghannadian, Margetis; Associate Professors Donaldson, Etling-Paulsen, Gogineni, Flagg, Ingram, Miller; Assistant Professors Han, Kim; Lecturer II Hamelin; Lecturer I Farrington.

A greater demand for finance professionals has resulted from the increasing roles of corporate financial managers, the rising importance of investments and the growing complexity of financial services. The finance sequence prepares students for successful careers in areas of commercial banking, individual and institutional investments, insurance, private industry and government.

Applied projects bring the real world into the classroom by encouraging student interactions in the management of investment portfolios and corporate financial decisions. The program provides a comprehensive education for entry-level financial officers and general managers. It also is good preparation for CFA (Chartered Financial Analyst) candidates.

*Finance Major*

*Degree Requirements*

**Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4

SPE 208	Speech for Business and the Professions	4
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**Subtotal: 56**

**Requirements for a major in finance:**

FIN 410	Intermediate Financial Management	4
FIN 440	Investment Analysis and Portfolio Management	4
FIN 470	Financial Markets, Institutions, and Money	4

**Subtotal: 12**

**Two of the following**

**Note:** These remain an option for the general Finance elective. Students may take two of these as their Advanced Finance elective, and another for their third finance elective, if desired.

FIN 415	Applied Investment Management	4
FIN 425	International Financial Management	4
FIN 450	Risk Management for Business	4
FIN 480	Financial Models	4
FIN 491	Advanced Financial Management	4

**Subtotal: 8**

**One of the following:**

ACC 320	Intermediate Accounting I	4
ECO 320	Intermediate Microeconomics	4
ECO 321	Intermediate Macroeconomic Analysis	4
FIN 319	Applied Finance and Accounting using Enterprise Resource Systems	4
ITM 466	Business Intelligence and Analytics	4
QMB 380	Advanced Managerial Statistics	4

**Subtotal: 4**

**Total Credit Hours: 80**

*Finance Minor*

*Degree Requirements*

**Requirements for a minor in finance:**

FIN 310	Financial Management	4
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**Subtotal: 4**

**Three of the following:**

FIN 410	Intermediate Financial Management	4
FIN 415	Applied Investment Management	4
FIN 425	International Financial Management	4
FIN 440	Investment Analysis and Portfolio Management	4
FIN 450	Risk Management for Business	4
FIN 470	Financial Markets, Institutions, and Money	4
FIN 480	Financial Models	4
FIN 491	Advanced Financial Management	4

**Subtotal: 12**

Subtotal: 16

**Total Credit Hours: 16**

**International Business**

**Faculty:** Associate Professor Borja (Economics) International Business Program Coordinator; Dana Professor Rustogi (Marketing), Dana Professor Galperin

(Management and Entrepreneurship); Professor Margetis (Finance), Associate Professors Liou, Pittz (Management); Associate Teaching Professor Nisar (Information and Technology Management).

Students may choose to major in one of seven international business majors offered in the Sykes College of Business: international business and accounting, international business and economics, international business and entrepreneurship, international business and finance, international business and management, international business and marketing, and international business and management information systems. These majors provide in-depth coverage in a specific business discipline coupled with an interdisciplinary global perspective, including language proficiency, cultural awareness and an education abroad experience. The curriculum in these majors is designed to meet the needs of businesses that require a global perspective and discipline-specific expertise from prospective employees.

Graduates pursue careers in large multinational firms and small independent companies with international activities, as well as government agencies involved in international trade. Banking opportunities include corporate lending and international investment work.

### *International Business Major*

#### ***Requirements for a major in international business:***

Students will take the total credit hours required in the functional area major, including the international course in the major, and meet the requirements given below.

#### ***Foreign language competency:***

Students must offer proof of competency in a foreign language as evidenced by passing a competency exam or completion of the Intermediate II course in the language with a grade of "C" or better. (A TOEFL score of 550, 213 [CBT] or 79–80 [IBT] or better meets the competency criteria.)

#### ***Education abroad experience:***

This requirement may be met either by studying abroad for a semester or a year, enrolling in a UT travel course, completing an internship abroad or fulfilling a community-based service learning experience abroad. All education abroad experiences must be taken for academic credit, must be pre-approved and all activities must be successfully completed. Community-based service learning abroad must be taken for academic credit, must be pre-approved and all activities must be successfully completed. Students participating in the community-based service learning abroad option may register for 0-4 credit hours in IBS 499. International students are typically waived from the education abroad requirement, as their studies at The University of Tampa constitutes an education abroad experience.

For complete information about UT's education abroad programming, including deadlines, transfer policies and application requirements for UT Travel Courses, Summer/Semester/Year abroad programs, international internships and community service learning abroad, please see Office of International Programs .

In addition to the hours in the functional major, all IB majors must complete 8 credits of IB coursework that includes MGT 350, International Management, and one required IB major international elective from the list below. Students must meet course prerequisites.

- MKT 410 - Global Marketing
- ECO 430 - International Economics and Finance
- ECO 315 - International Economic Development
- MGT 450 - Born Global: International Entrepreneurship & Strategy
- IBS 495 - Special Topics in International Business

#### ***International electives outside the College of Business (8 credit hours):***

Students must take 8 credit hours of non-College of Business elective courses designated as International Global (IG). These courses may include electives offered abroad (with the approval of the international business program coordinator). IG courses used to satisfy the language competency requirement may not also be used to satisfy this requirement.

#### ***Degree Requirements***

##### **Requirements for a degree in Sykes College of Business**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

Students majoring in Cybersecurity, Entrepreneurship and International Business and Entrepreneurship are not required to take MGT 431.

##### **Requirements for a major in International Business and Accounting**

ACC 304	Cost Accounting	4
ACC 320	Intermediate Accounting I	4
ACC 351	Accounting Information Systems	4
ACC 352	Federal Taxation I	4

ACC 401	Auditing and Attestation	4
ACC 420	Intermediate Accounting II	4
MGT 350	International Management	4
Total Credit Hours: 32		

**One of the following required IB major international elective:**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**Requirements for a major in International Business and Economics**

ECO 320	Intermediate Microeconomics	4
ECO 321	Intermediate Macroeconomic Analysis	4
ECO 460	Econometrics	4
ECO 461	Seminar in Economics	4
MGT 350	International Management	4

**One of the following required IB major international elective**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**Three of the following:**

ECO 300	Labor Economics	4
ECO 310	Environmental Economics and Management	4
ECO 315	International Economic Development	4
ECO 340	Game Theory	4
ECO 360	Health Economics	4
ECO 420	Public Choice and the Economics of Politics	4
ECO 421	Mathematical Economics	4
ECO 430	International Economics and Finance	4
ECO 432	Economics of Emerging Markets	4
ECO 442	Monetary Economics	4
ECO 495	Special Topics in Economics	4

Note: One of these ECO 315, ECO 430 or ECO 432 is required. IB-Economics majors may not double count ECO 315 or ECO 430 as an IB-Economics requirement if used to satisfy any other requirement in the IB-Economics major. **Total Credit Hours: 36**

**Requirements for a major in International Business and Entrepreneurship**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
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ENT 360	New Venture Finance	4
ENT 420	Managing the Start Up Venture	4
ENT 487	Business Plan Development	4
MGT 350	International Management	4

**One of the following required IB major international elective**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**One of the following:**

MGT 355	The Art and Science of Negotiation	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4

**One of the following:**

BIT 345	Web and Mobile Technology Applications	4
BIT 365	Business Database Technology	4
ENT 330	Creativity and Innovative Problem Solving	4
ENT 380	Introduction to Hospitality Management	4
ENT 390	Managing the Family Business	4
ENT 475	Real Estate Venturing	4
ENT 490	Entrepreneurship Internship	1-8
ENT 495	Seminar in Entrepreneurship	4

	Any ENT course not already taken except internships and independent studies	4
FMX 310	Creative Coding	4
FMX 311	UX/UI User Experience & User Interaction	4
ITM 251	Application Development	4
ITM 360	Advanced Application Development	4
MGT 355	The Art and Science of Negotiation	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 370	Leadership and Change Management	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
MKT 371	Professional Selling and Sales Management	4

(Note: IB-Entrepreneurship majors may not double count MGT 355, MGT 365 or MGT 450). **Total Credit Hours: 32**

**Requirements for a major in International Business and Finance**

FIN 410	Intermediate Financial Management	4
FIN 425	International Financial Management	4
FIN 440	Investment Analysis and Portfolio Management	4



FIN 470	Financial Markets, Institutions, and Money	4
MGT 350	International Management	4
<b>One of the following required IB major international elective</b>		
MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**Two of the following:**

FIN 415	Applied Investment Management	4
FIN 319	Applied Finance and Accounting using Enterprise Resource Systems	4
FIN 450	Risk Management for Business	4
FIN 480	Financial Models	4
FIN 491	Advanced Financial Management	4
FIN 495	Special Topics in Finance	4

Note: IB-Finance majors must take FIN 425. **Total**

**Credit Hours: 32****Requirements for a major in International Business and Management**

MGT 340	Human Resource Management	4
MGT 345	Organizational Behavior	4
MGT 350	International Management	4

**One of the following required IB major international elective**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**One of the following:**

MGT 355	The Art and Science of Negotiation	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4

**One of the following:**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
ENT 330	Creativity and Innovative Problem Solving	4
ENT 360	New Venture Finance	4
ENT 380	Introduction to Hospitality Management	4
ENT 390	Managing the Family Business	4

ENT 420	Managing the Start Up Venture	4
ENT 475	Real Estate Venturing	4
ENT 495	Seminar in Entrepreneurship	4
	Any ENT course not already taken except internships and independent studies	4
IBS 492	Seminar in International Business	4
IBS 495	Special Topics in International Business	4
ITM 361	Operations Management	4
LED 450	Capstone in Leadership Studies	4
MGT 360	Sustainable Development: A New Business Paradigm	4
MGT 370	Leadership and Change Management	4
MGT 355	The Art and Science of Negotiation	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
MGT 492	Learning by Travel: Management and Leadership	4
	Any MGT course not already taken except internships and independent studies	4

(Note: Cannot double count MGT 355, MGT 365 or MGT 450. IB courses are restricted to those that have been designated as a Management Major elective). **Total**

**Credit Hours: 24****Requirements for a major in International Business and Management Information Systems**

ITM 251	Application Development	4
ITM 280	Network and Cloud Infrastructure	4
ITM 318	Systems Analysis and Design	4
ITM 361	Operations Management	4
ITM 408	Data and Information Management	4
ITM 419	MIS Capstone	4
MGT 350	International Management	4

**One of the following required IB major international elective**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

**One of the following:**

ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 350	Information Security Principles	4
ITM 360	Advanced Application Development	4
ITM 375	Information Security Standards, Risk Management and Compliance	4
ITM 380	Network Security	4
ITM 415	Digital Forensic & Software Security	4
ITM 450	Cybersecurity Capstone	4

ITM 466	Business Intelligence and Analytics	4
ITM 480	Ethical Hacking	4
ITM 495	Special Topics in Information and Technology Management	4

Note: IB-Management Information Systems majors must take ITM 361. **Total Credit Hours: 36**  
**Requirements for a major in International Business and Marketing**

MGT 350	International Management	4
MKT 360	Marketing Research	4
MKT 410	Global Marketing	4
MKT 450	Marketing Strategy	4

**One of the following required IB major international elective**

MKT 410	Global Marketing	4
ECO 430	International Economics and Finance	4
ECO 315	International Economic Development	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
IBS 495	Special Topics in International Business	4

Note: MKT 410 is required. IB-Marketing majors may not double count MKT 410 as an IB-Marketing requirement if used to satisfy any other requirement in the IB-Marketing major.

**Two of the following:**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
MKT 352	Services Marketing and Management	4
MKT 354	Buyer Behavior	4
MKT 362	Digital Marketing	4
MKT 371	Professional Selling and Sales Management	4
MKT 372	Retail and Distribution Management	4
MKT 411	Promotion and Branding Strategies	4
MKT 418	Advanced Professional Selling	4
MKT 495	Special Topics in Marketing	4

Total Credit Hours: 28

## Financial Enterprise Systems

**Department of ITM Faculty:** Professor Alhourani, Chair; Professors Jenzarli, Papp, Shirley, Veltri; Associate Professors Jain, Kam, Yayla; Assistant Professors Al-Abdullah, De Leoz, Farkas, Keshanian, Kim, Oruongo, Shang, Wang, Zhang, Zhong; Associate Teaching Professor Nisar; Lecturers I Bianco, Ghannadian, Marks; Visiting Lecturer I Kotaiche.

**Department of Finance Faculty:** Associate Professor Lee, Chair; Professors Bryant, Ghannadian, Margetis; Associate Professors Donaldson, Etling-Paulsen, Gogineni, Flagg, Ingram, Miller; Assistant Professors Han, Kim; Lecturer II Hamelin; Lecturer I Farrington.

Financial Enterprise Systems (FES) is a challenging program involving the application of enterprise system

concepts to analyze the business process needs of organizations, with emphasis on the finance industry. Today, the cross-functional nature of business processes requires a holistic view of the modern organization. The integration of finance, accounting and other important business functions is analyzed in this major. Demand for professionals knowledgeable in enterprise information systems, business technology and finance is expected to rise given the evolving nature of leading organizations worldwide.

Students majoring in FES receive a comprehensive education in integrative business processes, finance, information systems and technology. Several specialized courses tailored to the 21st-century organization distinguish this major from others. FES students are educated in financial management, markets and institutions, global finance, financial service operations, business continuity, information security, risk management, data mining, business intelligence and analytics. Students also gain expertise in financial and accounting business processes and technical knowledge of enterprise resource planning systems. FES graduates gain strong analytical, technical and managerial skills spanning business functional areas. Moreover, FES graduates obtain significant experience in oral and written communication.

### *SAP Business Associate Certification*

FES majors and minors will also be well equipped to take the SAP TERP 10 Academy. This training course is a 10-day, intensive session that prepares students to pass the SAP Business Associate certification test.

### *Contact Information*

If you have questions about the FES major or minor, contact Farouq Alhourani ([falhourani@ut.edu](mailto:falhourani@ut.edu)) or Speros Margetis ([smargetis@ut.edu](mailto:smargetis@ut.edu)).

### *Financial Enterprise Systems Major*

In addition to major requirements, all components of the Baccalaureate Experience and College of Business requirements must be completed in order to successfully graduate with a financial enterprise systems major. An FES major includes six, four-credit hour courses:

### *Degree Requirements*

**Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4

ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
SPE 208	Speech for Business and the Professions	4
QMB 210	Business Statistics and Analytics	4

**Subtotal: 56****Requirements for a major in financial enterprise systems:**

ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 350	Information Security Principles	4
ITM 466	Business Intelligence and Analytics	4
FIN 410	Intermediate Financial Management	4
FIN 319	Applied Finance and Accounting using Enterprise Resource Systems	4

**Subtotal: 20****One of the following:**

FIN 425	International Financial Management	4
FIN 470	Financial Markets, Institutions, and Money	4
FIN 491	Advanced Financial Management	4

**Subtotal: 4****Total Credit Hours: 80***Financial Enterprise Systems Minor*

A minor is also offered. To earn the minor, students take four courses.

*Degree Requirements***Requirements for a minor in financial enterprise systems:**

ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 350	Information Security Principles	4
ITM 466	Business Intelligence and Analytics	4
FIN 319	Applied Finance and Accounting using Enterprise Resource Systems	4
FIN 410	Intermediate Financial Management	4
FIN 425	International Financial Management	4
FIN 470	Financial Markets, Institutions, and Money	4

**Subtotal: 16**

Subtotal: 16

**Total Credit Hours: 16****Management Information Systems**

**Faculty:** Professor Alhourani, Chair; Professors Jenzarli, Papp, Shirley, Veltri; Associate Professors Jain, Kam, Yayla; Assistant Professors Al-Abdullah, De Leoz, Farkas, Keshanian, Kim, Oruongo, Shang, Wang, Zhang, Zhong; Associate Teaching Professor Nisar; Lecturers I Bianco, Ghannadian, Marks; Visiting Lecturer I

Kotaiche.

Management Information Systems (MIS) is a challenging field of study focused on integrating computer-based information technology solutions and business processes to achieve business goals. Students learn to apply computer-based information technologies and the information produced to create organizational value.

MIS graduates will be able to effectively apply 1) managerial concepts; 2) systems analysis, design and project management concepts; and 3) technical concepts. The program is focused on continuous improvement and is aligned with national curricular guidelines for information systems. MIS seniors take the information systems analyst certification exam to validate learning. Students have the option to earn additional certifications from SAP and other corporations. The program's combination of relevant business and technical skills prepares our graduates to be leaders of the next generation of MIS professionals.

Features of our innovative program include interactive lectures, individual assignments and in-depth team projects. Alliances with SAP, Microsoft and other firms provide students with access to the most current technologies. Partnerships with information systems professional associations facilitate student interaction with the business community. Internships with well-known corporations are available to qualified students.

*Management Information Systems Major**Degree Requirements***Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56****Requirements for a major in management information systems:**

ITM 251	Application Development	4
ITM 280	Network and Cloud Infrastructure	4
ITM 318	Systems Analysis and Design	4
ITM 408	Data and Information Management	4
ITM 419	MIS Capstone	4

<b>Subtotal: 20</b>		
<b>Two of the following:</b>		
ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 340	Excelling with Excel	4
ITM 350	Information Security Principles	4
ITM 360	Advanced Application Development	4
ITM 361	Operations Management	4
ITM 375	Information Security Standards, Risk Management and Compliance	4
ITM 466	Business Intelligence and Analytics	4
ITM 495	Special Topics in Information and Technology Management	4

**Subtotal: 8**

**Total Credit Hours: 84**

*Management Information Systems Minor*

The minor in management information systems allows students to combine skills learned in their majors with the rapid changes in computers and information impacting the 21st century. Students select a set of courses that best fit their interests and career objectives. Students take ITM 220 Management Information Systems plus four other elective courses. Courses selected may focus on managing information in the student’s major field of study through courses in enterprise system, business intelligence, systems analysis and databases; or they may focus on the more technical aspects of information systems such as programming and IT infrastructure. This minor is an excellent complement to many majors offered across the University and can be used to prepare for supplemental industry certifications available through SAP and Microsoft.

*Degree Requirements*

**Requirements for a minor in management information systems:**

ITM 220	Management Information Systems	4
<b>Subtotal: 4</b>		

**Four of the following:**

ITM 251	Application Development	4
ITM 280	Network and Cloud Infrastructure	4
ITM 318	Systems Analysis and Design	4
ITM 319	Business Process Integration Using Enterprise Systems	4
ITM 350	Information Security Principles	4
ITM 360	Advanced Application Development	4
ITM 361	Operations Management	4
ITM 408	Data and Information Management	4
ITM 419	MIS Capstone	4
ITM 466	Business Intelligence and Analytics	4
ITM 495	Special Topics in Information and Technology Management	4

**Subtotal: 16**

**Total Credit Hours: 20**

*Business Analytics Minor*

Business analytics offers a modern approach to analyzing complex problems and making smart business-related decisions. The business analytics minor teaches students to use data, quantitative methods and computational modeling to forecast the implications of business alternatives. The minor prepares students to solve challenging problems using fact-based approaches to inform decision making in a business environment. Professionals skilled in business analytics add value and keep organizations competitive by incisively analyzing large amounts of data to gain knowledge and intelligence. Students solve problems using a mixture of quantitative skills and state-of-the-art software applications. The minor is open to any student with an interest in business analytics and complements many majors, including all majors offered by the Sykes College of Business.

Note: MIS and IB-MIS majors and associated minors may not double count ITM 251, ITM 360 or ITM 408 as a Business Analytics Minor requirement if used to satisfy a requirement in another program. Please check the course descriptions for all prerequisites to courses.

*Degree Requirements*

**Requirements for a minor in business analytics:**

Note: Or a Statistics Course Approved by the ITM Chair.

QMB 210	Business Statistics and Analytics	4
BUS 101	Introduction to Global Business	4
ITM 220	Management Information Systems	4
ITM 466	Business Intelligence and Analytics	4

**Subtotal: 16**

**Two of the following:**

Or course approved by the ITM department chair.

ITM 251	Application Development	4
ITM 360	Advanced Application Development	4
ITM 408	Data and Information Management	4
MKT 360	Marketing Research	4
ECO 460	Econometrics	4
QMB 380	Advanced Managerial Statistics	4

**Subtotal: 8**

Subtotal: 24

**Total Credit Hours: 24**

**Management**

**Faculty:** Associate Professor Steiner, Chair; Associate Professor Brownlee, Associate Chair; Dana Professor Galperin; Professors Koutroumanis, Thomason, Tompson, White; Associate Professors Bear, Dixon, Harris, Hertz, Liou, Pittz, Xie; Assistant Professors Alexiou, Faifman, Ro, Salaiz, Tunarosa; Assistant Teaching Professors Ciarleglio, Hardin, Nykaza, Rodriguez, Weaver; Associate Teaching Professor Welch; Lecturers I Bassford, Nelson, Smith.

Management is more than planning, organizing and controlling resources; it is directing human effort in all

facets of business, industry and government. Graduates in this program have the flexibility to develop the knowledge, skills, and abilities required to lead and manage global businesses ethically, with attention to customer value, returns to stockholders and employee development. Students engage in consulting projects with local organizations. These engagements hone students' critical thinking and communication skills while illustrating the consequences of management decisions.

### *Management Major*

#### *Degree Requirements*

#### **Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
ITM 220	Management Information Systems	4
FIN 310	Financial Management	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56**

#### **Requirements for a major in management:**

MGT 340	Human Resource Management	4
MGT 345	Organizational Behavior	4

**Subtotal: 8**

#### **Three of the following:**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
ENT 330	Creativity and Innovative Problem Solving	4
ENT 360	New Venture Finance	4
ENT 380	Introduction to Hospitality Management	4
ENT 390	Managing the Family Business	4
ENT 475	Real Estate Venturing	4
ENT 487	Business Plan Development	4
ENT 495	Seminar in Entrepreneurship	4
ENT	Any ENT course not already taken, except internships and independent studies	
IBS 492	Seminar in International Business	4
IBS 495	Special Topics in International Business	4
ITM 361	Operations Management	4
LED 450	Capstone in Leadership Studies	4
MGT 350	International Management	4

MGT 360	Sustainable Development: A New Business Paradigm	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
MGT 370	Leadership and Change Management	4
MGT 450	Born Global: International Entrepreneurship & Strategy	4
MGT 492	Learning by Travel: Management and Leadership	4
MGT	Any course not already taken, except internships and independent studies	

**Subtotal: 12**

Note: IBS courses are restricted to those that have been designated as a Management Major elective.  
**Total Credit Hours: 76**

### **Marketing**

**Faculty:** Dana Professor Rustogi, Chair, Professor Gupta; Associate Professors Burton, Darrat, Lang, J. Lee, Schetzlsle; Assistant Professor Bender, Lunt, Merkle, Zmich; Lecturer I Beemer.

The field of marketing is one of the fastest growing, vibrant and most rewarding areas of business. Nearly a third of today's labor force holds marketing-related jobs, and this portion is expected to increase substantially. A highly diverse discipline, marketing includes advertising and promotional management, personal selling and sales management, retail management, marketing research, services and international commerce. Students who have good interpersonal skills and who are looking for a career that presents creative challenges, constant change and opportunities for significant financial rewards may have found their field.

### *Marketing Major*

#### *Degree Requirements*

#### **Requirements for a degree in the Sykes College of Business:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
FIN 310	Financial Management	4
ITM 220	Management Information Systems	4
MAT 225	Calculus for Business	4
MGT 330	Principles of Management	4
MGT 431	Practical Strategic Assessment	4
MKT 300	Principles of Marketing	4
QMB 210	Business Statistics and Analytics	4
SPE 208	Speech for Business and the Professions	4

**Subtotal: 56**

#### **Requirements for a major in marketing:**

MKT 360	Marketing Research	4
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MKT 450	Marketing Strategy	4
		<b>Subtotal: 8</b>

**Any three of the following:**

ENT 320	Introduction to Entrepreneurship/Feasibility	4
MKT 352	Services Marketing and Management	4
MKT 354	Buyer Behavior	4
MKT 362	Digital Marketing	4
MKT 371	Professional Selling and Sales Management	4
MKT 372	Retail and Distribution Management	4
MKT 410	Global Marketing	4
MKT 411	Promotion and Branding Strategies	4
MKT 418	Advanced Professional Selling	4
MKT 495	Special Topics in Marketing	4

**Subtotal: 12**

Subtotal: 76

**Total Credit Hours: 76**

*Marketing Minor*

*Degree Requirements*

**Requirements for a minor in marketing:**

BUS 101	Introduction to Global Business	4
ACC 202	Financial Accounting Information	4
ECO 204	Principles of Microeconomics	4
MKT 300	Principles of Marketing	4
MKT 360	Marketing Research	4
MKT 450	Marketing Strategy	4

**Subtotal: 24**

**One of the following:**

MKT 352	Services Marketing and Management	4
MKT 354	Buyer Behavior	4
MKT 362	Digital Marketing	4
MKT 371	Professional Selling and Sales Management	4
MKT 372	Retail and Distribution Management	4
MKT 410	Global Marketing	4
MKT 411	Promotion and Branding Strategies	4
MKT 418	Advanced Professional Selling	4
MKT 495	Special Topics in Marketing	4

**Subtotal: 4**

Note: Check the course descriptions for all prerequisites to courses.

Subtotal: 28

**Total Credit Hours: 28**

*Professional Selling Minor*

The Minor in Professional Selling is designed for students who want to further develop their current sales skills and competencies. The program combines theory and practical applications where students learn about sales best-practice, and then apply those concepts in simulated and real world business situations. Students will gain the ability to clearly articulate business-to-business sales solutions, build relationships, and meet consumer needs. This curriculum includes the foundation of marketing along with refining more enhanced interpersonal skills,

understanding the tactics of cultivating and managing accounts, and learning to thrive in a competitive environment. Coordinated with the Institute for Sales Excellence under Sykes College of Business, sales minors will be eligible to receive a sales certification via the University Sales Center Alliance (USCA).

*Degree Requirements*

**Requirements for a minor in professional selling**

Students wanting a minor in Professional Selling must complete all requirements in the minor. All business majors must complete at least 12 additional hours beyond major requirements.

SPE 208	Speech for Business and the Professions	4
MKT 300	Principles of Marketing	4
MKT 354	Buyer Behavior	4
MKT 371	Professional Selling and Sales Management	4
MKT 418	Advanced Professional Selling	4
MKT 490	Marketing Internship	1-8

**Subtotal: 21-28**

Subtotal: 24

**Total Credit Hours: 24**

## College of Natural and Health Sciences

The College of Natural and Health Sciences is comprised of the departments of nursing; health sciences and human performance; sport management; biology; and chemistry, biochemistry and physics. The majors and minors offered by these departments provide students with the opportunity to pursue their education as preparation to gain admission to graduate programs, professional schools, to become board certified nurses or athletic trainers and enter the workforce in a diverse array of professions.

All departments in the college emphasize experiential learning opportunities through our clinical settings, laboratories and field trips that are taken as part of many of our courses, as well as a rich array of internships and service learning opportunities. Students are encouraged to become involved and to be responsible in the pursuit of their studies and in their learning. The college embraces and emphasizes one of the University's core principles, which is "learning by doing, doing to learn."

Faculty members in the college are active scholars who pursue basic and/or applied research that provides opportunities for students to become involved in scholarly work as part of their undergraduate education.

There are organizations in all departments to help students connect with fellow students, learn about professional opportunities, develop leadership skills and attend guest lectures. Participation in student organizations can be submitted to the Office of Student Leadership and Engagement for inclusion in the co-curricular transcript. Interested students should ask their instructors or department chairs about these organizations.

Students pursuing a degree in pre-allied health, public health or athletic training are advised by faculty in the Department of Health Sciences and Human Performance. This preparation can lead to employment in a professional program or admission to graduate programs in athletic training, public health, occupational therapy, physician assistant studies and physical therapy. Those students pursuing a career in teaching physical education or adult fitness should consult with the faculty in the department early in their academic careers. Preparation in these areas can lead to employment in teaching, professional fitness and performance centers or admission to graduate programs in education or health and human performance.

Students who intend to continue postgraduate studies for a professional degree in medicine, veterinary medicine, dentistry or pharmacy can major in biology, biochemistry or chemistry at The University of Tampa and receive excellent preparation for the entrance exams for these programs. These professional

fields value breadth and depth in coursework that extends beyond the sciences, as well as a demonstration of service to the community while pursuing undergraduate studies. UT's Baccalaureate Experience provides students with the opportunity to pursue other coursework that can include a variety of disciplines such as psychology, sociology, languages and literature. Members of the departments of chemistry, biochemistry and physics, and biology offer guidance to students and write recommendations through our Pre-Health Professional Committee comprising biology and chemistry faculty.

Any of the faculty members in the sciences can serve as academic advisors to students interested in pursuing graduate training in the health professions. Students should contact a member of the Pre-Health Professional Committee no later than the start of their junior year.

Students are encouraged to choose a major that best suits them so they can excel at their studies and gain admission to professional schools. Students interested in pursuing a postgraduate professional degree in one of the aforementioned fields, while pursuing a degree outside the College of Natural and Health Sciences, are encouraged to contact the Pre-Health Professional Committee for guidance.

### Department of Biology

**Faculty:** Professor Beach, Chair; Professors Mason, Meers, Waggett, Williams; Associate Professors Fasick, Freundt, Grim, Kucera, Mahadevan, L. McRae, M. McRae, Middlebrooks; Assistant Professors Durkin, Logsdon, Osovitz, Rajanahalli, Santamaria, Slattery; Associate Teaching Professor Wilson; Assistant Teaching Professors Bellanceau, Brace, Dobrinski, Rozar, Taylor; Lab Coordinators/Instructors Gore, LaFond, Rubelmann and Marine Science Center Coordinator/Instructor Ambrosio.

The B.S. in Biology, B.A. in Biology, and B.S. Marine Science-Biology programs seek to educate students in the process and methodology of science; to provide the conceptual and applied knowledge necessary to address problems at a wide range of levels of biological organization; and to graduate responsible global citizens who are able to make informed decisions about complex issues. These goals are achieved through learning partnerships in the classroom and laboratory that facilitate growth in knowledge and skills in the basic and applied sciences and through the development of communication and critical thinking skills. Through experiential learning and mentoring, students are introduced to a wide range of historical and contemporary topics and techniques in the biological sciences, thereby facilitating the creative

process that leads to scientific innovation. Through these efforts the department seeks to prepare students for careers in science, graduate and professional schools, and to be innovative lifelong learners, while emphasizing the importance of the natural sciences in the University's liberal arts tradition. The faculty value and continually contribute to the scientific community through high quality research and pedagogical innovation, and to the improvement of society through service to professional organizations, to the university and to broader communities.

### Departmental Degree Requirements

In addition to the requirements of the Baccalaureate Experience, all majors offered through the Department of Biology require that students complete the following:

- 1) Biology Core Curriculum ,
- 2) Upper-Division Biology courses and
- 3) Collateral and prerequisite courses.

Specific details of these requirements for each major and concentration are found by following the links from this page.

### *Department of Biology Curriculum*

The B.S. in biology , B.A. in biology , and B.S. in marine science–biology majors offered through the Department of Biology share as their foundation the biology core curriculum and three categories of upper division biology courses. Some individual courses within the biology core require a minimum grade of “C” to progress as noted in the Course Descriptions chapter of this catalog.

### *Biology Core Curriculum*

**The biology core curriculum consists of the following nine courses:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
BIO 200	Genetics	4
BIO 410	Senior Seminar	1
	or	
BIO 420	Recent Discoveries in Biology	1
BIO 411	Biology Outcomes Capstone	0
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
MAT 260	Calculus I	4

**Subtotal: 25**

Student must take BIO 200 as part of the Biology Core Curriculum.

BIO 440, BIO 445, BIO 450 or BIO 495 may be substituted for BIO 410 or BIO 420 if an oral

presentation is made with approval of department chair.

### **Biology Lower Core Curriculum**

A subset of the biology core curriculum is referred to as the biology lower-core. All students regardless of major or minor must complete these core courses with a 2.0 (“C” level work) combined minimum GPA calculated based on biology lower-core courses completed at The University of Tampa before they will be eligible to register for any of the upper-division BIO (numbered above 199) , ENS (numbered above 200) or MAR (numbered above 200) courses. Additionally, some individual courses within the lower-core require a minimum grade of “C” to progress as noted in the Course Descriptions chapter of this catalog.

The biology lower-core curriculum consists of the following seven courses:

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
MAT 170	Precalculus	4

**Subtotal: 16-20**

MAT 170: May be waived if student is placed directly into MAT 260 Calculus I. Students should investigate graduate admission requirements early in their UT program of study, because mathematics requirements vary widely (e.g., MAT 260 Calculus II and/or BIO 230/MAT 201 Statistics). WRI 281 is strongly recommended for those students planning to attend graduate or professional school.

### *Upper-Division Biology Courses*

Most majors offered through the biology department share the following upper-division classes offered in three distinct categories: cellular biology/physiology (Category I), organismal biology (Category II) , and ecology / evolution / environmental biology (Category III). These categories are used within majors and concentrations to achieve the learning outcomes within those specific programs. Specifically, upper-division biology courses are BIO courses numbered above 199, ENS courses numbered above 200 or MAR courses numbered above 200 not including BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495.

### **Category I Cellular Biology/Physiology Courses**

BIO 227	Ecological Physiology	4
BIO 301	Stem Cell Biology	4
BIO 307	Microbiology	4
BIO 310	Developmental Biology	4
BIO 315	Virology	4
BIO 330	General Physiology	4
BIO 350	Cell Biology	4
BIO 355	Conservation, Evolutionary and Ecological Genetics	4



BIO 360	Immunology	4
BIO 370	Molecular Biology	4
BIO 390	Essentials of Electron Microscopy	4
BIO 408	Bioinformatics and Genomics	4
BIO 409	Programming for Biology	4
CHE 320	Biochemistry	3
ENS 307	Environmental Microbiology	4
<b>Category II Organismal Biology Courses</b>		
BIO 224	Invertebrate Zoology	4
BIO 225	Vertebrate Zoology	4
BIO 228	Biology of Plants	4
BIO 250	Comparative Vertebrate Anatomy	4
BIO 302	Clinical Anatomy	4
BIO 317	Parasitology	4
BIO 340	Ichthyology	4
BIO 345	Field Ornithology Lecture	4
BIO 405	Human Evolution	4
BIO 407	Fermentation Microbiology	3
BIO 407A	Fermented Foods: From Art to Science	1
MAR 226	Marine Invertebrate Zoology	4
MAR 327	Marine Botany	4
MAR 344	Coral Reefs	4
<b>Category III Ecology/Evolution/Environmental Biology Courses</b>		
BIO 205	Tropical Biology and Conservation	4
BIO 212	Ecology	4
BIO 230	Experimental Design and Biostatistics	4
ENS 235	Geographic Information Systems	4
ENS 242	Environmental Science and Policy	4
ENS 346	Conservation Biology	4
ENS 349	Water, Wetlands and Wildlife	4
BIO 380	Behavioral Biology	4
BIO 395	Disease Ecology	4
BIO 400	Evolution	4
BIO 401	On the Origin of Species	2-4
BIO 401A	Darwin's London	2-4
MAR 201	Origins & Evolution of the Marine Environment	4
MAR 222	Marine Ecology	4
MAR 310	Biological Oceanography	4

Students may not count credits for both BIO 212 and MAR 222, BIO 224 and MAR 226, BIO 307 and ENS 307 toward the degree requirements in any major or minor in biology, marine science–biology or environmental science. However, credits for both may count toward the 124 credit hour graduation requirement. Additionally, BIO 230 is strongly recommended for those students planning to attend graduate or professional school.

### *Collateral and Prerequisite Courses*

Students who major in biology, marine science–biology, marine science–chemistry or environmental science may use any of the prerequisite and/or collateral science courses required (see specific degrees) in the major to satisfy the natural science

component of the Baccalaureate Experience. Students also may use the course required in mathematics to satisfy the mathematics requirement of the academic skills component of the Baccalaureate Experience. For more details on the collateral and prerequisite course requirements of specific degree programs refer to the corresponding section.

### *Biology Degrees*

The Department of Biology offers both a major and a minor in Biology. The Biology major is offered both as a Bachelor of Arts and Bachelor of Science degree. Details and course requirements for both majors and the minor can be found using the links below.

### *Biology Major*

#### *B.S. and B.A. in Biology*

The Bachelor of Science in biology provides students with a selection of courses needed to prepare for a career in the biological sciences or for further study in graduate or professional programs. This highly specialized curriculum includes more extensive requirements in chemistry and physics in order to maximize the future scientific opportunities available to students. The following concentrations are offered within the Bachelor of Science in biology degree program:

- 1) General Biology
- 2) Organismal and Evolutionary Biology
- 3) Molecular Biology
- 4) Pre-Health Professions
- 5) Business

The Bachelor of Arts in biology provides students with a more liberal (less prescribed) educational pathway. As a result, it is most appropriate for students with interests that range outside of biology, or those wishing to specialize in a field of biology that is less reliant on the collateral sciences of physics and chemistry. The following concentrations are offered within the Bachelor of Arts in biology degree program:

- 1) General Biology
- 2) Organismal and Evolutionary Biology
- 3) Molecular Biology
- 4) Business

The following collateral and prerequisite courses are required for the Bachelor of Science and Bachelor of Arts in biology degree programs.

### *Collateral and Prerequisite Courses*

#### **Collateral and prerequisite courses required for a B.S. in biology:**

CHE 232	Organic Chemistry I	3
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CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
PHY 200	General Physics I	4
PHY 201	General Physics II	4
	or	
PHY 205	General Physics with Calculus I	4
PHY 206	General Physics with Calculus II	4

**Subtotal: 16****Collateral and prerequisite courses required for a B.A. in biology:**

CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
	or	
PHY 200	General Physics I	4
	or	
PHY 205	General Physics with Calculus I	4

**Subtotal: 4**

Subtotal: 20

The following number of credit hours is required in each of the three course areas for the Bachelor of Science and Bachelor of Arts in biology degree programs with a concentration in general biology, organismal and evolutionary biology, or molecular biology.

Credit hour summary for B.S. in Biology:	
Biology Core Curriculum	25
Concentration (see above)	23-24
Collateral Courses	16
Total Credit hours for Major	64-65

Credit hour summary for B.A. in Biology:	
Biology Core Curriculum	25
Concentration (see above)	31-32
Collateral Courses	4
Total Credit hours for Major	60-61

**B.S. and B.A. in Biology Concentrations**

Students pursuing either a B.S. or a B.A. degree in Biology must choose one of the following concentrations:

- 1) General Biology
- 2) Organismal and Evolutionary Biology

- 3) Molecular Biology
- 4) Pre-Health Professions (B.S. degree only)
- 5) Business (must also select one additional concentration from above)

For more detail regarding the focus and course requirements for each concentration see the links below.

***General Biology Concentration (B.A. or B.S.)***

This concentration meets the requirements of a variety of career paths, including industrial positions and secondary education, and of graduate programs in biology. Students must complete a minimum of six additional upper division biology courses for the B.S. and eight additional upper division biology courses for the B.A. to be determined in consultation with advisors. In addition to the biology core curriculum, students must select a minimum of one course each from of Category I, II and III for the B.S., while for the B.A., two courses each from Category I, II and III must be selected. Any upper division biology courses consisting of those courses above BIO 199, ENS courses above 200 or MAR courses above 200 may be used to fulfill the remaining elective requirements excluding BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495.

Total Concentration Credit Hours: 23-32

***Organismal and Evolutionary Biology Concentration (B.A. or B.S.)***

This concentration meets the requirements for a variety of career paths in organismal and evolutionary biology and secondary education, and graduate programs in these fields. Students must complete a minimum of six additional biology courses for the B.S. and eight additional courses for the B.A. to be determined in consultation with advisors. Students are required to complete a minimum of two courses each from Category II and III, as well as one course from Category I. Any upper division BIO courses above 199, ENS courses above 200 or MAR courses above 200 may be used to fulfill the remaining elective requirements excluding BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495.

Total Concentration Credit Hours: 23-32

***Molecular Biology Concentration (B.A. or B.S.)***

Molecular biology, along with the laboratory tools it employs, is a sub-discipline within biology that has become an important component of our economy. Students interested in pursuing advanced degrees in this field or careers in laboratory or research environments involving molecular biology are encouraged to pursue this concentration.

Students must complete a minimum of six additional biology courses for the B.S. and eight additional courses for the B.A. to be determined in consultation with

advisors. Students are required to complete a minimum of four courses from Category I and one course each from Category II and III. Students who pursue the B.A. should enroll in CHE 232 and CHE 233 as part of their degree. Any BIO courses above 199, ENS courses above 200 or MAR courses above 200 may be used to fulfill the remaining elective requirements excluding BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495.

Total Concentration Credit Hours: 23-32

### *Pre-Health Professions Concentration (including Pre-Medicine, Pre-Dentistry and Pre-Veterinary Science)*

Students interested in these professional health careers usually major in biology, selecting courses from the pre-health professional concentration after successfully completing the biology lower-core curriculum. Students also may choose to major in chemistry or biochemistry. Other majors are possible, provided the entrance requirements for professional schools are completed. Students should design their academic programs in consultation with their advisors. Students requesting letters of recommendation to professional schools must do so through the Pre-Health Professions Committee by submitting their requests to the departmental office (Cass Sciences Office Suite).

The pre-health professions concentration is designed to prepare students for application to professional schools such as medical, dental or veterinary. The Army ROTC Department can assist pre-professional students with their graduate program finances through the Health Professions Scholarship Program. For more information, contact the Army ROTC Department on campus.

Students must complete a minimum of six additional biology courses for the B.S. to be determined in consultation with advisors. All six courses must be selected from the Pre-Health Professions Concentration Electives list. Of the six courses, select at least one course each from Category I, II and III. The remaining three upper division BIO electives above BIO 200 can be from any category but must be on the Pre-Health Professions Concentrations Elective list (below). The remaining elective requirements cannot include BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495. This concentration is not applicable to the B.A. degree because of the collateral courses required for admission to professional school programs.

### *Pre-Health Professions Concentrations Electives*

Choose six of the following with at least 1 each from Category I, II, and III. The remaining three can be from any Category but must be on the list below:

#### **Requirements for the biology pre-professional concentration:**

BIO 227	Ecological Physiology	4
BIO 230	Experimental Design and Biostatistics	4
BIO 250	Comparative Vertebrate Anatomy	4
BIO 301	Stem Cell Biology	4
BIO 302	Clinical Anatomy	4
BIO 307	Microbiology	4
BIO 310	Developmental Biology	4
BIO 315	Virology	4
BIO 317	Parasitology	4
BIO 330	General Physiology	4
BIO 350	Cell Biology	4
BIO 360	Immunology	4
BIO 370	Molecular Biology	4
BIO 380	Behavioral Biology	4
BIO 390	Essentials of Electron Microscopy	4
BIO 395	Disease Ecology	4
BIO 400	Evolution	4
BIO 405	Human Evolution	4
BIO 408	Bioinformatics and Genomics	4
CHE 320	Biochemistry	3

Total Concentration Credit Hours: 23-24

The following number of credit hours is required in each of the three course areas for the Bachelor of Science in biology degree with a concentration in pre-health professions.

Credit hour summary for B.S. in Biology Degree with a Pre-Health Professions Concentration:

Biology Core Curriculum	25
Concentration	23-24
Collateral Courses	16
Total Credit hours for Major	64-65

### *Biology Business Concentration*

Students must select one of the previously mentioned Biology Degree concentrations: General Biology, Organismal / Evolutionary Biology, Molecular Biology, or Pre-Health Professions in addition to the following business courses. The biology-business concentration is designed for students who are interested in biology but wish to pursue business careers. These individuals may find opportunities in technical sales or managerial positions in biomedical, agricultural and chemical industries. The biology major (either the B.S. or B.A.

degree) with these business courses fulfills the foundation courses (except for ITM 361) required for admission to the Master of Business Administration program at The University of Tampa.

*Required business courses for the biology-business concentration:*

**Requirements for the biology-business concentration:**

BUS 101	Introduction to Global Business	4
ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
QMB 210	Business Statistics and Analytics	4
ITM 220	Management Information Systems	4
	One of the following:	
MGT 330	Principles of Management	4
MKT 300	Principles of Marketing	4
FIN 310	Financial Management	4

**Subtotal: 32**

Subtotal: 32

Students should refer to the Biology B.S. and B.A. four year plans as a guide for their biology concentration (general, organismal and evolutionary, molecular, and pre-health professions within biology. The sequence of business courses begins with BUS 101 and more detail on course prerequisites can be found in the course description portion of the catalog.

*Biology Minor*

**Requirements for a minor in biology:**

Students must complete 20 credit hours, including BIO 198, BIO 198L, BIO 199, BIO 199L, and 12 additional credit hours of BIO courses numbered above 199, ENS courses above 200, or MAR courses above 200, excluding BIO 410, BIO 440, BIO 445, BIO 450, BIO 480, BIO 490 and BIO 495. For upper-division biology courses (courses above BIO 198/ENS 200/MAR 200), prerequisite requirements must be met, including MAR 200, MAT 170, CHE 152, CHE 153, CHE 154, and CHE 155 where appropriate.

**Total Credit Hours: 23-32**

*Marine Science Degrees*

The Department of Biology offers a Bachelor of Science degree in Marine Science-Biology in addition to a minor in Marine Biology. For more details and course requirements for each of these programs please follow the links below.

*Marine Science-Biology Major*

The Bachelor of Science in Marine Science-Biology provides students with a selection of courses needed to prepare for a career in the marine and biological sciences or for further study in graduate or professional programs. This highly specialized curriculum includes extensive requirements in marine science, biology,

chemistry and physics in order to maximize the future scientific opportunities available to students.

\*Marine science may not be taken as a single major because of its highly specialized nature.

*Degree Requirements*

**Requirements for a B.S. in marine science-biology:**

Biology Core Curriculum	25
<b>Subtotal:</b>	<b>25</b>

**Ecology requirement (choose one)**

MAR 222	Marine Ecology	4
BIO 212	Ecology	4

**Subtotal: 4**

**Cellular/physiological requirement (choose one from Category I)**

BIO	Category I course	4
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**Subtotal: 4**

**Organismal invertebrate requirement (choose one)**

BIO 224	Invertebrate Zoology	4
MAR 226	Marine Invertebrate Zoology	4

**Subtotal: 4**

**Organismal vertebrate requirement (choose one)**

BIO 225	Vertebrate Zoology	4
BIO 250	Comparative Vertebrate Anatomy	4

**Subtotal: 4**

**Organismal botany requirement**

MAR 327	Marine Botany	4
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**Subtotal: 4**

**Oceanography/marine science electives (choose MAR 200 and one additional elective):**

MAR 200	Introduction to Marine Science	3
MAR 201	Origins & Evolution of the Marine Environment	4
MAR 301	Physical Oceanography	4
MAR 310	Biological Oceanography	4
CHE 315	Chemical Oceanography	3

**Subtotal: 6-7**

Note: MAR 200 is a pre or co-requisite for MAR 201 and a pre-requisite MAR 222, MAR 226, MAR 310, MAR 327 and CHE 315.

**Major Electives (choose 2)**

Electives above BIO 199, ENS 200 or MAR 200

**Subtotal: 8**

**Collateral and prerequisite courses required for a B.S. in marine science-biology:**

CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
PHY 200	General Physics I	4
PHY 201	General Physics II	4
	or	
PHY 205	General Physics with Calculus I	4
PHY 206	General Physics with Calculus II	4

**Subtotal: 16**

The following number of credit hours is required in each of the three course areas for the Bachelor of Science in marine science-biology degree.

Credit hour summary for B.S. in Marine Science-Biology Degree:

Biology Core Curriculum	25
Major Courses	34-36
Collateral Courses	16
Total Credit hours for Major	75-77

### *Marine Biology Minor*

#### *Degree Requirements*

##### **Requirements for a minor in marine biology:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory and	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
MAR 200	Introduction to Marine Science	3
	Two of the following:	
MAR 222	Marine Ecology	4
MAR 226	Marine Invertebrate Zoology or	4
BIO 224	Invertebrate Zoology	4
MAR 310	Biological Oceanography	4
MAR 327	Marine Botany	4
BIO 340	Ichthyology	4
MAR 344	Coral Reefs	4

**Subtotal: 19**

For upper-division biology courses (courses above BIO 199/ENS 200/MAR 200), prerequisite requirements must be met, including MAR 200, MAT 170, CHE 152–153 and CHE 154–155. Note: MAR 201 only requires MAR 200 as a pre or co-req.  
Subtotal: -20

Take note of and make sure to complete all the prerequisites for these courses as noted in the course description section of the catalog.

### *Marine Science Center*

UT's waterfront Marine Science Center is located at the Tampa Harbour Marina, about 20 minutes from campus. This 3,000-square-foot facility is well equipped to serve both students and faculty in marine science, environmental science and biology programs. The facility includes a wet laboratory and dry lab/classroom, SCUBA storage area, lockers and a dedicated boat slip. The wet lab has a recirculating/flow-through seawater system with reservoirs at ground level. Three large power boats as well as several smaller boats are also housed at the marina. On the southern and eastern edges of the marina property are a mosaic of supratidal and shallow water habitats that UT faculty use for research. This mangrove/salt marsh/oyster reef/mud flat/seagrass habitat makes an ideal location for environmental projects for students and faculty.

### *Gulf Coast Research Laboratory*

The University maintains a formal affiliation with the Gulf Coast Research Laboratory (GCRL), an educational and research institute located in Ocean Springs, MS. Through this arrangement, students may take field courses in marine science at GCRL during the summer. Course credit is awarded through the University of Southern Mississippi and will be accepted as transfer credit at UT.

#### *Degree Requirements*

**Below is a list of courses taught at GCRL and their credit hours. These courses may be applied toward majors in biology, marine-science-biology and environmental science.**

Marine Science I: Oceanography	5
Marine Science II: Marine Biology	5
Marine Invertebrate Zoology	6
Marine Ichthyology	6
Marine Fisheries Management	5
Marine Mammals	5
Marine Ecology	5
Shark Biology	5
Research Study Program — Lab	4
Research Study Program — Lecture	1

Complete information about the GCRL program is available at [www.usm.edu/gcrl/](http://www.usm.edu/gcrl/).

### *Environmental Science Degree*

The Environmental Science (BS) degree program will no longer be accepting students following the 2021-2022 academic year and will be phased out by the 2024-2025 academic year. All incoming students for the 2022-2023 academic year who expressed an interest in the Environmental Science (BS) degree program will be placed into the new Environmental Studies (BA, BS) degree program with their choice of concentrations (Communication, Humanity & Geography, Natural Science, Public Policy).

### *Biology Education Degree*

The Department of Biology collaborates with the Department of Education in their offering of a degree in secondary education biology. For more information about this degree please select the link below.

### *Education-Secondary Biology Major*

Students pursuing education degrees must consult the Department of Education section in the College of Social Sciences, Mathematics and Education portion of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses. Please note: At catalog press time, state legislation was pending that may affect certification requirements for education majors. For up-to-date information, contact the Department of Education office in Plant Hall, Room 439.

## Department of Chemistry, Biochemistry and Physics

**Faculty:** Associate Professor Masserini, Chair; Associate Professor Schuler, Associate Chair of Physics; Professors Evans-Nguyen, Werner; Associate Professors Ballard, Carastro, Deneault, Jackman, Witherow; Assistant Professors Bronikowski, Crnojevic, Crosby, Deister, Gordon, Hemric, Lien, Longstreet, Perry, Struss, Theodore, B. Wilson; Associate Teaching Professors Murray, M. Wilson; Assistant Teaching Professors Fetto, Henchey, Lee, Ortega, Scharf, Yanello; Instructors Abdel Hadi, Dormer, Morris, Squitieri.

**Degrees offered:** B.S. in chemistry, ACS-certified; B.S. in chemistry; B.A. in chemistry; B.S. in biochemistry, ASBMB-accredited; B.S. in chemistry with biochemistry concentration, ACS-certified; B.A. in biochemistry; B.S. in forensic science; B.S. in marine chemistry; B.S. in physics; B.A. in physics. Minors in chemistry and physics are also offered.

The Department offers chemistry, biochemistry, forensic science and marine chemistry students a solid foundation in the five major areas of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. Research projects, publishing opportunities, internships and classes with both lecture and laboratory experience give chemistry majors the necessary theoretical knowledge and practical laboratory experience to either enter the job market with a B.S. degree or go on to graduate or professional school.

Each program is a continuum of prerequisites designed to develop the student's knowledge of chemistry in each of the five major areas. In upper-level classes, the average course size drops to approximately 10 students per class. This small class size gives students the opportunity to work with equipment not often available to undergraduates at larger institutions, and allows for frequent, direct interaction with the faculty.

The department also offers students a comprehensive program of study in physics and astronomy, leading toward the B.S. degree in physics. This program is designed to prepare students not only for advanced studies at the graduate level, but also to provide important problem solving and research skills and experience needed for employment in physics and other scientific and technology disciplines.

Given the small class size at the University and the varied research interests of the chemistry and physics faculty, experiential learning opportunities are available and encouraged. Students working with faculty members have completed projects in separation and fluorescence of rare earth elements; environmental analysis; marine nutrient analysis; natural product isolation, structural elucidation and assay for biological activity; astrochemistry; protein chemistry; computational chemistry; green chemistry reaction

discovery; organic reaction mechanisms; exoplanet research; electroanalysis; stellar spectral analysis; galaxy formation and evolution, and biosensor development.

Each member of the faculty is an expert in at least one of the aforementioned areas of chemistry and physics. Chemistry and physics majors may request assignment to a faculty member who serves as an advisor and whose specialty coincides with the student's area of interest. Advisors and students work together to select courses, review academic and professional progress, and discuss career and graduate opportunities.

### *Pre-Professional Interests*

Students interested in medicine, dentistry, veterinary medicine, pharmacy, optometry or other health professions may wish to consider the B.A. in chemistry or any of the biochemistry degrees. While all of the degree programs offered by the Department of Chemistry, Biochemistry and Physics provide the opportunity for professional school admission, the B.A. degrees, with fewer credit hours than the B.S. degrees, allow students to explore other academic disciplines through electives, providing the well-rounded educational experience professional schools actively seek in their applicants. Students may need to take additional courses to meet the admissions requirements for their chosen professional school; they should consult their advisors in developing their academic plans. In addition to the chemistry majors, pre-health professional students may choose biology or other majors, provided the entrance requirements for professional schools are completed.

Students requesting letters of recommendation to professional schools must do so through the Pre-Health Professional Committee (PHPC). The department chair can refer students to the current members of the PHPC.

Professional advising in the Academic Success Center complements the faculty advising to pre-professional students. This expertise aids students interested in attending professional schools in the health professions or law school. If you are interested, you can contact the Academic Success Center to schedule an appointment with an advisor with this expertise.

The ROTC Department can assist pre-professional students with their professional program finances through the Health Professions Scholarship Program. For more information, contact the ROTC Department at (813) 258-7200 or x7200 on campus.

Please visit [www.ut.edu/chemistryandphysics](http://www.ut.edu/chemistryandphysics) for more information, including detailed four-year plans for all chemistry and biochemistry degrees.

### *Degree Requirements - Chemistry*

**The courses listed below should be completed during the freshman and sophomore years.**

BIO 198                      General Biology I

BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
MAT 260	Calculus I	4
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
<b>or, depending upon major selected,</b>		
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
MAT 261	Calculus II	4

### *Degree Requirements - Physics*

**The courses listed below should be completed during the freshman and sophomore years**

AST 300	Astrophysics	4
PHY 180	Introduction to Programming for the Physical Sciences	2
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
PHY 280	Mathematical Methods for Physics	4
PHY 307	Modern Physics	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 300	Differential Equations	4

### *Chemistry*

Chemistry majors are assigned to a faculty member who serves as an advisor and whose specialty coincides with the student's area of interest. Students are encouraged to learn by experience through research opportunities in areas such as atmospheric chemistry, marine nutrient analysis and organic synthesis.

### *Chemistry Major, B.S., ACS-Certified*

This program is certified by the American Chemical Society (ACS). ACS is the world's largest scientific society and one of the world's leading sources of authoritative scientific information. This program differs from the conventional Bachelor of Science track by requiring more time conducting research.

The program prepares chemistry students for entering the job market or for continuing their education at the graduate level. Research projects, publishing opportunities, internships and classes provide students with both lecture and laboratory experience.

### *Degree Requirements*

#### **Requirements for a B.S. major in chemistry, ACS-Certified:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
MAT 260	Calculus I	4
MAT 261	Calculus II	4
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	0
CHE 320	Biochemistry	3
CHE 352	Physical Chemistry I	3
CHE 353L	Physical Chemistry I Laboratory	1
CHE 354	Physical Chemistry II	3
CHE 355L	Physical Chemistry II Laboratory	1
CHE 425	Advanced Inorganic Chemistry	3
CHE 430	Advanced Instrumental Chemistry	4
CHE 430L	Advanced Instrumental Chemistry Laboratory	0
CHE 451	Capstone Chemical Research	1-2
CHE 454	Capstone Chemical Communication	1

3 cumulative credits of CHE 451 are required.

#### **One of the following:**

CHE 420	Advanced Biochemistry	4
CHE 426	Advanced Organic Chemistry	3
CHE 445	Advanced Organic Spectroscopy	3

To earn the ACS certificate associated with this degree, students must earn at least a "C" in every class required for the major. This does not change or enhance the graduation requirements for this major.

If CHE 420 is taken, CHE 320L must also be taken as a prerequisite for that course. MAT 262 is also recommended.

An alternative to the PHY 205/PHY 206 sequence is the three-course combination of PHY 200/PHY 201/PHY 307. This is relevant for students changing

their major to the B.S. Chemistry, ACS-Certified, after they have taken PHY 200/PHY 201.

**Total Credit Hours: 69-70**

### *Chemistry Major, B.S.*

This program prepares chemistry students for entering the job market or for continuing their education at the graduate level. Research projects, publishing opportunities, internships and classes provide students with both lecture and laboratory experience.

#### *Degree Requirements*

##### **Requirements for a B.S. major in chemistry:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
MAT 260	Calculus I	4
MAT 261	Calculus II	4
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	0
CHE 320	Biochemistry	3
CHE 352	Physical Chemistry I	3
CHE 353L	Physical Chemistry I Laboratory	1
CHE 354	Physical Chemistry II	3
CHE 355L	Physical Chemistry II Laboratory	1
CHE 425	Advanced Inorganic Chemistry	3
CHE 430	Advanced Instrumental Chemistry	4
CHE 430L	Advanced Instrumental Chemistry Laboratory	0

##### **One of the following:**

CHE 410	Senior Seminar	2
CHE 453	Chemistry Internship	1-4

##### **Or both of the following:**

CHE 451	Capstone Chemical Research	1-2
CHE 454	Capstone Chemical Communication	1

2 credits of CHE 410 or CHE 453 are required or 2 cumulative credits of CHE 451 plus 1 credit of CHE 454. MAT 262 is also recommended.

An alternative to the PHY 205/PHY 206 sequence is the three-course combination of PHY 200/PHY 201/PHY 307. This is relevant for students changing

their major to the B.S. Chemistry after they have taken PHY 200/PHY 201.

Subtotal: 0

**Total Credit Hours: 67-68**

### *Chemistry Major, B.A.*

While any of the degrees offered by the department provides the opportunity for professional school admission, the Bachelor of Arts in chemistry, with fewer credit hours than the B.S. degree, allows students to explore other disciplines through electives, providing the well-rounded educational experience professional schools seek.

#### *Degree Requirements*

##### **Requirements for a B.A. in chemistry:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
MAT 260	Calculus I	4
MAT 261	Calculus II	4
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	0
CHE 305	Applied Physical Chemistry	3
CHE 320	Biochemistry	3

PHY 205 /PHY 205L can substitute for PHY 200 /PHY 200L, and PHY 206 /PHY 206L can substitute for PHY 201 /PHY 201L.

**Total Credit Hours: 50**

### *Chemistry Minor*

*The chemistry minor provides additional background in the physical sciences for students whose major area of study is in another area, such as the life sciences or psychology.*

#### *Degree Requirements*

##### **Requirements for a minor in chemistry:**

CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1



CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory and	1

**Subtotal: 23**

At least seven additional hours in CHE courses required for a B.S. in Chemistry, Biochemistry, or Marine Chemistry. One of the seven hours must be a laboratory based course.

Prerequisites for each course must be met. A minor will only be noted on a transcript if at least seven additional hours in CHE coursework are completed beyond that required for your major.

**Total Credit Hours: 23****Biochemistry**

Biochemistry majors are typically assigned to a faculty member who serves as an advisor and whose specialty coincides with the student's area of interest. Students are encouraged to learn by experience through research opportunities in areas such as design of enzyme inhibitors, protein chemistry, bio-organic reaction mechanisms, and tumorigenesis.

**Biochemistry Major, B.S., ASBMB-Accredited**

The Bachelor of Science in Biochemistry, ASBMB-Accredited degree program is accredited by the American Society for Biochemistry & Molecular Biology (ASBMB). This course of study is ideal for students interested in pursuing graduate studies in the fields of biochemistry & molecular biology (BMB), biotechnology, biomedicine or in the health professions (medicine, dentistry, pharmacy, veterinary medicine, etc). All biochemistry students have excellent research opportunities in areas such as protein biochemistry, enzymology, bio-organic reaction mechanisms, cellular biochemistry, molecular oncology and carcinogenesis. Students can take additional courses to also meet the American Chemical Society degree certification requirements.

**Degree Requirements****Requirements for a B.S., ASBMB-Accredited degree in biochemistry:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
BIO 200	Genetics	4
BIO 200L	Genetics Laboratory	0
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1

CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
MAT 260	Calculus I	4
CHE 305	Applied Physical Chemistry	3
CHE 320	Biochemistry	3
CHE 320L	Biochemistry Laboratory	1
CHE 325	Biochemistry of Metabolism	3
CHE 420	Advanced Biochemistry	4
CHE 451	Capstone Chemical Research	1-2
CHE 454	Capstone Chemical Communication	1
CHE 470	Tissue Culture	4
CHE 490	Molecular Basis of Cancer	4

3 cumulative credits of CHE 451 are required

**One of the following lecture/laboratory pairs:**

BIO 307	Microbiology	4
BIO 307L	Microbiology Laboratory	0
BIO 310	Developmental Biology	4
BIO 310L	Developmental Biology Laboratory	0
BIO 315	Virology	4
BIO 315L	Virology Laboratory	0
BIO 330	General Physiology	4
BIO 330L	General Physiology Laboratory	0
BIO 350	Cell Biology	4
BIO 350L	Cell Biology Laboratory	0
BIO 360	Immunology	4
BIO 360L	Immunology Laboratory	0
BIO 370	Molecular Biology	4
BIO 370L	Molecular Biology Laboratory	0
BIO 390	Essentials of Electron Microscopy	4
BIO 390L	Essentials of Electron Laboratory	0
BIO 408	Bioinformatics and Genomics	4
BIO 408L	Bioinformatics and Genomics Laboratory	0

Students can also earn an additional ASBMB certification to their B.S. Biochemistry, ASBMB-accredited degree by passing an ASBMB certification exam during their final year of study. Students that take this course of study, pass the ASBMB-certification exam with distinction, have a minimum 3.4 GPA and meet some other requirements are eligible to be inducted into the ASBMB National Honor Society (see the website for full details, <http://asbmb.org/honorsociety/>).

PHY 205 /PHY 205L can substitute for PHY 200 /PHY 200L, and PHY 206 /PHY 206L can substitute for PHY 201 /PHY 201L.

Students can take some additional courses and substitute some others in order to earn a degree that is both ASBMB-accredited and ACS-certified. The following additional course would be required: Intermediate Inorganic Chemistry (CHE 245) with Intermediate Inorganic Chemistry Laboratory (CHE 245L), Advanced Instrumental Chemistry (CHE 430) with Advanced Instrumental Chemistry Laboratory (CHE 430L), and Calculus II (MAT 261). The following substitutions would need to be made: Physical

Chemistry I (CHE 352 ) with Physical Chemistry I Laboratory (CHE 353L) and Physical Chemistry II (CHE 354 ) with Physical Chemistry II Laboratory (CHE 355L) would replace Applied Physical Chemistry (CHE 305 ); General Physics with Calculus I (PHY 205) with General Physics with Calculus I Laboratory (PHY 205L) and General Physics with Calculus II (PHY 206 ) with General Physics with Calculus II Laboratory (PHY 206L) would replace the non-calculus based physics course series (PHY 200 , PHY 200L, PHY 206 , PHY 206L). Total credit hours for this ASBMB-accredited and ACS-certified option is 91 hours.

#### Total Credit Hours: 74

#### *Biochemistry Major, B.S. in Chemistry with Biochemistry concentration, ACS-Certified*

The Bachelor of Science in Chemistry with Biochemistry concentration, ACS-certified degree program is certified by the American Chemical Society (ACS). This course of study is ideal for students interested in pursuing graduate studies in the fields of biochemistry, biotechnology, medicinal chemistry or pharmaceutical sciences. All students in this degree program have excellent research opportunities in areas such as protein biochemistry, enzymology, bio-organic reaction mechanisms, cellular biochemistry, molecular oncology and carcinogenesis.

#### *Degree Requirements*

#### Requirements for a B.S. in Chemistry with Biochemistry concentration, ACS-Certified degree:

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	0
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
MAT 260	Calculus I	4
MAT 261	Calculus II	4
CHE 320	Biochemistry	3
CHE 320L	Biochemistry Laboratory	1
CHE 325	Biochemistry of Metabolism	3
CHE 352	Physical Chemistry I	3
CHE 353L	Physical Chemistry I Laboratory	1

CHE 354	Physical Chemistry II	3
CHE 355L	Physical Chemistry II Laboratory	1
CHE 420	Advanced Biochemistry	4
CHE 430	Advanced Instrumental Chemistry	4
CHE 430L	Advanced Instrumental Chemistry Laboratory	0
CHE 451	Capstone Chemical Research	1-2
CHE 454	Capstone Chemical Communication	1
CHE 470	Tissue Culture	4

3 cumulative credits of CHE 451 are required. MAT 262 is also recommended.

To earn the ACS certificate associated with this degree, students must earn at least a "C" in every class required for the major. This does not change or enhance the graduation requirements for this major.

Students are required to take BIO 198 and BIO 198L as well as BIO 199 and BIO 199L in order to take any upper-level Biology courses which are not required for this major.

#### Total Credit Hours: 75

#### *Biochemistry Major, B.A.*

The Bachelor of Arts in Biochemistry is designed for pre-professional students and requires fewer courses in the major. This allows students to take more courses in ancillary areas, such as biology and psychology that are desired by some professional programs.

#### *Degree Requirements*

#### Requirements for a B.A. in Biochemistry

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
MAT 260	Calculus I	4
CHE 305	Applied Physical Chemistry	3
CHE 320	Biochemistry	3
CHE 320L	Biochemistry Laboratory	1
CHE 325	Biochemistry of Metabolism	3
CHE 420	Advanced Biochemistry	4
CHE 470	Tissue Culture	4

PHY 205 /PHY 205L can substitute for PHY 200 /PHY 200L , and PHY 206 /PHY206L can substitute for PHY 201 /PHY 201L .

#### Total Credit Hours: 54

### Forensic Science

The Bachelor of Science in Forensic Science degree is designed to prepare students for careers as forensic scientists. The core of the curriculum consists of chemistry and biology courses and a small number of criminology and criminal justice courses.

### Forensic Science Major

The B.S. program in forensic science prepares students for careers as forensic scientists. Potential employers include local, state and federal crime laboratories and law enforcement agencies, such as the Drug Enforcement Administration, the Bureau of Alcohol, Tobacco, Firearms and Explosives, the Federal Bureau of Investigation and the Florida Department of Law Enforcement (FDLE). The curriculum is enhanced by internship opportunities with local agencies, including the Tampa FDLE lab and the Hillsborough County Medical Examiner. The track also prepares students for graduate programs in forensic science, chemistry and biochemistry and health professional schools.

### Degree Requirements

#### Requirements for a B.S. in forensic science:

FSC 130	Survey of Forensic Sciences	3
BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
FSC 230	Fire Debris and Firearms	3
MAT 201	Introduction to Statistics	4
MAT 260	Calculus I	4
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
CHE 432	Forensic Chemistry	3
CHE 433L	Forensic Chemistry Laboratory	1
CHE 434	Forensic Toxicology	3
CHE 435L	Forensic Toxicology Laboratory	1
CHE 440	Professional Practice in Forensic Science	3
BIO 200	Genetics	4
BIO 200L	Genetics Laboratory	0
CRM 102	Introduction to Criminal Justice	4
CRM 307	Crime Scene Investigation	4
CHE 331	One of the following two courses: Forensic DNA Analysis	3

FSC 340	Microscopic Examination of Firearms Evidence	3
7 credits from the following courses:		
CHE 305	Applied Physical Chemistry	3
CHE 320	Biochemistry	3
CHE 320L	Biochemistry Laboratory	1
BIO 370	Molecular Biology	4
BIO 370L	Molecular Biology Laboratory	0

#### One of the following:

FSC 461	Forensic Science Seminar	3
CHE 463	Forensic Science Internship	1-4

#### Or both of the following:

CHE 454	Capstone Chemical Communication	1
CHE 460	Introduction to Forensic Research	1-4

3 credits of FSC 461 or CHE 463; or 2 cumulative credits of CHE 460 and 1 hour of CHE 454 are required.

PHY 205/PHY 205L can substitute for PHY 200 /PHY 200L, and PHY 206 /PHY 206L can substitute for PHY 201 PHY 201L.

Subtotal: 94

**Total Credit Hours: 86**

### Marine Chemistry

The ocean is largest aqueous mixture on the planet, and therefore plays an important role in modulating the exchange and chemical composition of matter between the atmosphere, bedrock, sea, and sediments. Interactions at the boundaries of the ocean affect seawater chemistry and influence the transfer and transformation of matter between reservoirs. The biological, chemical, geological, and physical processes that affect seawater constituents necessitates an interdisciplinary course of study. Using this approach, the Bachelor of Science in Marine Chemistry prepares students for a career in the marine and chemical sciences, or for further study in graduate or professional programs.

### Marine Chemistry Major

The Bachelor of Science in Marine Chemistry provides students with a selection of courses needed to prepare them for a career in the marine and chemical sciences, or for further study in graduate or professional programs. This curriculum includes requirements in marine science, biology, chemistry, geology, and physics in order to maximize the future scientific opportunities available to students.

### Degree Requirements

#### Requirements for a B.S. in marine chemistry:

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1

CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 245	Intermediate Inorganic Chemistry	4
CHE 245L	Intermediate Inorganic Chemistry Laboratory	0
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
CHE 315	Chemical Oceanography	3
CHE 352	Physical Chemistry I	3
CHE 353L	Physical Chemistry I Laboratory	1
CHE 354	Physical Chemistry II	3
CHE 355L	Physical Chemistry II Laboratory	1
CHE 430	Advanced Instrumental Chemistry	4
CHE 430L	Advanced Instrumental Chemistry Laboratory	0
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAR 200	Introduction to Marine Science	3
MAR 201	Origins & Evolution of the Marine Environment	4
MAR 201L	Origins & Evolution of the Marine Environment Laboratory	0
MAR 301	Physical Oceanography	4
<b>One of the following:</b>		
CHE 410	Senior Seminar	2
CHE 453	Chemistry Internship	1-4
<b>Or both of the following:</b>		
CHE 451	Capstone Chemical Research	1-2
CHE 454	Capstone Chemical Communication	1

2 credits of CHE 410 or CHE 453 are required; or 2 cumulative credits of CHE 451 plus 1 credit of CHE 454. PHY200/201/307 may substitute for PHY 205/206. This is relevant for students changing their major to the B.S. Marine Chemistry, after they have taken PHY 200/PHY.

Subtotal: 73

**Total Credit Hours: 72-73**

### Physics

#### Physics, B.S.

The bachelor of science in physics is designed and intended to provide students with a broad foundation and rigorous understanding of the fundamental properties of matter and energy and physical phenomena of our universe, including mechanical systems, electromagnetism, light and optics, thermodynamics, Einstein's relativity, quantum

mechanics, atomic and nuclear structure, as well as astronomy and astrophysics.

To meet the requirements of the physics major, all required and elective courses must be completed with a grade of "C" or better.

#### Degree Requirements

##### Requirements for a B.S. in Physics:

PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
PHY 280	Mathematical Methods for Physics	4
PHY 307	Modern Physics	4
PHY 320	Classical Mechanics	4
PHY 340	Electricity and Magnetism	4
PHY 350	Advanced Physics Lab	4
PHY 360	Quantum Mechanics	4
PHY 430	Thermodynamics and Statistical Mechanics	4
PHY 451	Physics Capstone Research	1-4
AST 300	Astrophysics	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 300	Differential Equations	4
	Three additional PHY or AST courses above the 300-level	12

**Subtotal: 69-72**

Subtotal: 69-72

**Total Credit Hours: 69-72**

#### Physics, B.A.

The bachelor of arts in physics is a flexible program intended to provide students with a rigorous background in all of the physics core subjects of study included in the bachelor of science program. With fewer required credit hours, however, the B.A. in physics program is well-suited for students who wish to pursue disciplines in both the sciences and humanities or for pre-professional students. To meet the requirements of the physics major, all required and elective courses must be completed with a grade of "C" or better.

#### Degree Requirements

##### Requirements for a B.A. in Physics

PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
PHY 280	Mathematical Methods for Physics	4
PHY 307	Modern Physics	4
PHY 320	Classical Mechanics	4
PHY 340	Electricity and Magnetism	4
PHY 360	Quantum Mechanics	4

PHY 430	Thermodynamics and Statistical Mechanics	4
PHY 450	Physics Seminar	2
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 300	Differential Equations	4
	Two additional PHY or AST courses above the 300-level	8
<b>Subtotal: 58</b>		

Subtotal: 58

**Total Credit Hours: 58**

### *Physics Minor*

The minor in physics is geared toward students in the sciences or mathematics who would benefit from study of the mathematical modeling of physical phenomena and a deeper understanding of the processes that define our natural world.

A physics minor provides the background which is sought after in many interdisciplinary fields such as biophysics or geophysics. A physics minor is a helpful addition for students seeking a major in biology, chemistry or mathematics.

To complete the physics minor, a student must complete 12 credits in general physics (PHY 200, PHY 201 or PHY 205, PHY 206) and modern physics (PHY 307), and an additional 8 credits of PHY courses at or above 300 level, with a grade of "C" or better.

### *Degree Requirements*

#### **Requirements for a minor in physics:**

PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
	or	
PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0
	and	
PHY 307	Modern Physics	4

Students also must complete 8 credits in physics (PHY) courses at or above the 300 level, and earn a grade of "C" or better.

**Total Credit Hours: 20**

## **Department of Environmental Studies**

**Faculty:** Professor Huber, Chair; Associate Professors, Campbell, Froeschke; Assistant Teaching Professor George; Visiting Assistant Professor Glenn.

The B.S. in Environmental Studies, B.A. in Environmental Studies, Minor in Environmental Studies, and Minor in Sustainability seek to promote

understanding of the interactions between environmental, social, and economic issues and policies, the relationship between ethical perspectives and human interactions with the environment, equity and environmental justice, the validity and limitations of scientific theories and claims about the environment, and sustainable development, as well as to develop effective analytical and communication skills. These goals are achieved through experiential learning partnerships in the classroom and in the surrounding community which are focused on the development of critical and interdisciplinary thinking skills with the goal of helping students and the surrounding community to innovate on and make responsible decisions about environmental issues at scales ranging from local to global. Through these efforts the department provides students with the knowledge and skills needed to prepare them for careers and graduate studies in a wide range of environmental disciplines, thereby enabling them to capitalize on future opportunities throughout this diverse field, and to be innovative lifelong learners in keeping with the university's liberal arts tradition. The Environmental Studies faculty contribute to the scientific community through high impact research and pedagogical innovation, and to the improvement of society through service to professional organizations, the university, and the surrounding community.

### **Departmental Degree Requirements**

In addition to the requirements of the Baccalaureate Experience, all majors offered through the Department of Environmental Studies require that students complete the following:

- 1) Environmental Studies Core Curriculum,
- 2) Upper-Division coursework in Environmental Studies and related disciplines,
- 3) Capstone coursework in Environmental Studies, and
- 4) Collateral and prerequisite coursework.

Specific details of these requirements for each major and concentration are found by following the links from this page.

### *Department of Environmental Studies Curriculum*

The B.S. in Environmental Studies and B.A. in Environmental Studies majors offered through the Department of Environmental Studies share as their foundation the Environmental Studies Core Curriculum. The B.S. in Environmental Studies offers students four different concentrations which provide specialization in particular content areas (Communication, Humanity and Geography, Natural Sciences, Public Policy), while the B.A. in Environmental Studies offers a broader survey of numerous content areas related to the field.

*Environmental Studies Core Curriculum***The environmental studies core curriculum consists of the following six courses:**

ENS 198	Introduction to Environmental Studies I	4
ENS 199	Introduction to Environmental Studies II	4
ENS 235	Geographic Information Systems	4
GEO 235	GIS Mapmaking for the Social Sciences	4
MAT 170	Precalculus	4
ECO 204	Principles of Microeconomics	4
ENS 410	Environmental Studies Capstone	4

**Subtotal: 24**

Subtotal: 24

MAT 170: May be waived if student is placed directly into MAT 260 Calculus. Students should investigate graduate admission requirements early in their UT program of study, because mathematics requirements vary widely.

*Introductory Environmental Studies Courses*

Introduction to Environmental Studies I (ENS 198) and II (ENS 199) provide the conceptual framework on which the environmental studies degrees are based. ENS 198 surveys major environmental issues and their associated environmental, social, economic, and political impacts. ENS 199 is focused on developing this same understanding about global environmental change. Both courses focus on scientific epistemology (i.e., how we know what we know) and the role of communication in achieving desired environmental outcomes.

**Introductory Environmental Studies Courses**

ENS 198	Introduction to Environmental Studies I	4
ENS 199	Introduction to Environmental Studies II	4

*Upper-Division Environmental Studies Courses*

The majors offered through the Department of Environmental Studies share a series of upper-division courses. Numerous other upper-division courses from affiliated departments are also available depending on the specific degree option selected by the student (e.g., B.A. or B.S. with one of four concentrations).

**Upper-Division Environmental Studies Courses**

ENS 235	Geographic Information Systems	4
ENS 242	Environmental Science and Policy	4
ENS 307	Environmental Microbiology	4
ENS 349	Water, Wetlands and Wildlife	4

*Capstone Environmental Studies Courses*

All students working on a major in Environmental Studies are required to take ENS 410 Environmental Studies Capstone, in which students will use the skills,

theories, and methodologies of the natural sciences, social sciences, and humanities to examine an issue for a partner organization in the Tampa Bay community (e.g., local governments, NGO's, businesses) and make strategic recommendations about that issue. Students working on either the Minor in Environmental Studies or Minor in Sustainability are required to take either ENS 401 Environmental Studies Seminar or ENS 410 Environmental Studies Capstone. ENS 401 is a reduced-credit hour version of ENS 410.

**Capstone Environmental Studies Courses**

ENS 401	Environmental Studies Seminar	1
ENS 410	Environmental Studies Capstone	4

*Collateral and Prerequisite Courses*

Students who major in Environmental Studies may use any of the prerequisite and/or collateral science courses required (see specific degrees) in the major to satisfy the natural science component of the Baccalaureate Experience. Students also may use the course required in mathematics to satisfy the mathematics requirement of the Baccalaureate Experience. For more details on the collateral and prerequisite course requirements of specific degree programs refer to the corresponding section.

*Environmental Studies Degrees*

The Department of Environmental Studies offers both a major and a minor in Environmental Studies, as well as a Minor in Sustainability. The Environmental Studies major is offered both as a Bachelor of Science with four different concentrations and a Bachelor of Arts degree. Details and course requirements for these majors and minors can be found using the links below.

*B.S. and B.A. in Environmental Studies*

The Bachelor of Science in Environmental Studies is an interdisciplinary program designed for students interested in scientific, social, political, economic, and/or expressive aspects of global environmental issues and the desire to specialize in one of these major content areas. The degree includes a core curriculum, which establishes the foundations of environmental studies, and 4 concentrations for students to choose from (Communication, Humanity and Geography, Natural Sciences, Public Policy) based on the disciplinary lens through which they want to pursue environmental studies. A Capstone experience then completes the degree program by facilitating interdisciplinary synthesis of knowledge within the field of environmental studies. The Environmental Studies degree provides students with a selection of courses and skills needed to prepare them for careers and graduate studies in a wide range of environmental disciplines, thereby enabling them to capitalize on future opportunities throughout this diverse field. Applicable prerequisite and co-requisite requirements must be met for all courses.

The Bachelor of Arts in Environmental Studies is an Interdisciplinary program designed for students interested in scientific, social, political, economic, and/or expressive aspects of global environmental issues. The degree includes a core curriculum, which establishes the foundations of environmental studies, and upper-level course work in Arts and Humanities, Business, Natural Science, Social Science, and Statistics. A Capstone experience then completes the program by facilitating interdisciplinary synthesis of knowledge within the field of environmental studies. The Environmental Studies degree provides students with a selection of courses and skills needed to prepare them for careers and graduate studies in a wide range of environmental disciplines, thereby enabling them to capitalize on future opportunities throughout this diverse field. Applicable prerequisite and co-requisite requirements must be met for all courses.

The following number of credit hours is required in the Bachelor of Science and Bachelor of Arts in Environmental Studies degree programs.

### *Degree Requirements*

#### **Credit hour summary for B.S. in Environmental Studies:**

Environmental Studies Core Curriculum	24
Required Concentration	24-38
Upper-Level Electives	11-16

**Subtotal: 64-74**

#### **Credit hour summary for B.A. in Environmental Studies:**

Environmental Studies Core Curriculum	24
Upper-Level Electives	11-16

**Subtotal: 49-52**

Subtotal: 113-126

### *B.S. in Environmental Studies Concentrations*

Students pursuing a B.S. in Environmental Studies must choose one of the following concentrations:

- 1) Communication
- 2) Humanity and Geography
- 3) Natural Science
- 4) Public Policy

For more detail regarding the focus and course requirements for each concentration see the links below.

### *Communication Concentration B.S.*

This concentration meets the requirements of a variety of career paths and graduate studies related to advertising, public relations, and news reporting, editing, and corresponding related to scientific information. Students must complete a series of required courses along with upper-level electives to be determined in consultation with advisors. A minimum of 4 credit hours of Category 1 upper-level electives must be completed.

### *Degree Requirements*

#### **Required Courses:**

COM 224	Media and Society	4
	or	
COM 232	Visual Literacy	4
COM 242	Digital Citizenship	4
	or	
ART 110	Foundations: Digital Arts	4
JOU 101	Introduction to Journalism	4
JOU 221	Multimedia Storytelling	4
JOU 271	News Reporting and Writing	4
SPE 200	Oral Communication	4
	or	
SPE 208	Speech for Business and the Professions	4
MAT 201	Introduction to Statistics	4

**Subtotal: 28**

#### **Category 1 Elective Courses (at least 1 course must be from Category 1):**

COM 212	Co-Creative Documentary Abroad	4
COM 284	Principles of Public Relations	4
COM 302	Digital Media and Design for Communication	4
COM 350	Strategic Social Media	4
COM 384	Writing for Public Relations	4
SPE 308	Group Presentation and Leading Change	4
WRI 281	Technical Writing	4

**Subtotal: 4-12**

#### **Category 2 Elective Courses (additional course options for meeting concentration electives):**

ECO 310	Environmental Economics and Management	4
GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
GEO 250	Urban Geography: Cities in Global Context	4
PHL 210	Environmental Ethics	4
PSC 285	Environmental Politics	4
PSC 318	Science, Technology and Public Policy	4

**Subtotal: 0-8**

Subtotal: 32-48

**Total Credit Hours: 40**

**Humanity and Geography Concentration B.S.**

This concentration meets the requirements of a variety of career paths and graduate studies related to geography, public health, and social and community service management. Students must complete a series of required courses along with upper-level electives to be determined in consultation with advisors. A minimum of 8 credit hours of Category 1 upper-level electives must be completed.

**Degree Requirements****Required Courses:**

GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
HSC 236	Introduction to Public Health	4
HSC 240	Global Disparities in Environmental Health	4
HSC 350	Biostatistics	4
	or	
MAT 201	Introduction to Statistics	4
HSC 360	Principles of Epidemiology in Exercise and Public Health	4
SOC 100	Introduction to Sociology	4

**Subtotal: 28****Category 1 Elective Courses (at least 2 course must be from Category 1):**

GEO 250	Urban Geography: Cities in Global Context	4
HIS 402	Natural and Unnatural Disasters in Modern World History	4
HSC 440	Health Policy and Social Change	4
PSC 202	International Political Economy	4
PSC 285	Environmental Politics	4
SOC 205	Medical Sociology	4
SOC 330	Global Sociology	4

**Subtotal: 8-12****Category 2 Elective Courses (additional course options for meeting concentration electives):**

COM 212	Co-Creative Documentary Abroad	4
ECO 310	Environmental Economics and Management	4
PHL 210	Environmental Ethics	4
PSC 318	Science, Technology and Public Policy	4
WRI 281	Technical Writing	4

**Subtotal: 0-4**

Subtotal: 40

**Total Credit Hours: 40****Natural Sciences Concentration B.S.**

This concentration meets the requirements of a variety of career paths and graduate studies related to environmental sciences, natural resources management and administration, and conservation. Students must complete a series of required courses along with upper-level electives to be determined in consultation with advisors. A minimum of 7 credit hours of Category 1 upper-level electives must be completed.

**Degree Requirements****Required Courses:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
BIO 212	Ecology	4
	or	
MAR 222	Marine Ecology	4
MAR 222L	Marine Ecology Laboratory	0
BIO 230	Experimental Design and Biostatistics	4
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 180	Environmental Chemistry	3
MAR 200	Introduction to Marine Science	3
MAR 201	Origins & Evolution of the Marine Environment	4
MAT 260	Calculus I	4

**Subtotal: 40****Category 1 Elective Courses (at least 2 courses must be from Category 1):**

BIO 205	Tropical Biology and Conservation	4
BIO 228	Biology of Plants	4
BIO 228L	Biology of Plants Laboratory	0
BIO 355	Conservation, Evolutionary and Ecological Genetics	4
BIO 355L	Conservation, Evolutionary and Ecological Genetics Laboratory	0
BIO 395	Disease Ecology	4
CHE 315	Chemical Oceanography	3
ENS 242	Environmental Science and Policy	4
ENS 307	Environmental Microbiology	4
ENS 307L	Environmental Microbiology Laboratory	0
ENS 346	Conservation Biology	4
ENS 346L	Conservation Biology Discussion	0
ENS 349	Water, Wetlands and Wildlife	4
MAR 310	Biological Oceanography	4
MAR 310L	Biological Oceanography Laboratory	0

**Subtotal: 7-11****Category 2 Elective Courses (additional course options for meeting concentration electives):**

COM 212	Co-Creative Documentary Abroad	4
ECO 310	Environmental Economics and Management	4
GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
GEO 250	Urban Geography: Cities in Global Context	4
PHL 210	Environmental Ethics	4
PSC 285	Environmental Politics	4
PSC 318	Science, Technology and Public Policy	4
WRI 281	Technical Writing	4

**Subtotal: 0-4**



Subtotal: 49-50

**Total Credit Hours: 49-50*****Public Policy Concentration B.S.***

This concentration meets the requirements of a variety of career paths and graduate studies related to public administration, government affairs, political consulting and lobbying, and legislating. Students must complete a series of required courses along with upper-level electives to be determined in consultation with advisors. A minimum of 8 credit hours of Category 1 upper-level electives must be completed.

***Degree Requirements*****Required Courses:**

PSC 101	Introduction to American Government	4
PSC 102	Introduction to International Relations	4
PSC 215	Introduction to Public Policy	4
PSC 269	Research Methods for Political Science	4
PSC 270	Political Analysis	4
PSC 285	Environmental Politics	4

**Subtotal: 24****Category 1 Elective Courses (at least 2 courses must be from Category 1):**

PSC 202	International Political Economy	4
PSC 208	Political Networks: Travel to Washington DC	4
PSC 309	State Politics	4
PSC 318	Science, Technology and Public Policy	4
PSC 326	Political Campaigns and Electoral Politics	4
PSC 343	Politics of Development	4
PSC 401	Public Policy Analysis	4
PSC 405	Congress and Legislative Politics	4
PSC 410	International Law	4
PSC 446	International Organization	4
PSC 455	NGOs and Global Civil Society	4

**Subtotal: 8-16****Category 2 Elective Courses (additional course options for meeting concentration electives):**

COM 212	Co-Creative Documentary Abroad	4
ECO 310	Environmental Economics and Management	4
GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
GEO 250	Urban Geography: Cities in Global Context	4
HSC 440	Health Policy and Social Change	4
PHL 210	Environmental Ethics	4
WRI 281	Technical Writing	4

**Subtotal: 0-8**

Subtotal: 40

**Total Credit Hours: 40*****B.A. in Environmental Studies***

The Bachelor of Arts in Environmental Studies provides students with a more liberal (less prescribed) educational pathway in their study of the environment. It is most appropriate for students with broad interests about the environment, and the reduced credit requirements compared to the B.S. in Environmental Studies make it ideal for double-majoring or minoring in related fields. This major meets the requirements of a variety of career paths and graduate studies related to the relationships between environmental, social, and economic issues and policies. Students must complete courses from a series of categories (Arts and Humanities, Business, Natural Sciences, Social Sciences, and Statistics) as well as upper-level electives to be determined in consultation with advisors.

***Degree Requirements*****Arts and Humanities Requirement (choose one):**

COM 212	Co-Creative Documentary Abroad	4
COM 224	Media and Society	4
COM 232	Visual Literacy	4
PHL 210	Environmental Ethics	4
WRI 281	Technical Writing	4

**Subtotal: 4****Business Requirement (choose one):**

BUS 101	Introduction to Global Business	4
BUS 221	Business Law and Social Responsibility	4
ECO 310	Environmental Economics and Management	4
MGT 360	Sustainable Development: A New Business Paradigm	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4

**Subtotal: 4****Natural Sciences Requirement (choose one):**

BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
BIO 205	Tropical Biology and Conservation	4
BIO 212	Ecology	4
BIO 212L	Ecology Laboratory	0
BIO 228	Biology of Plants	4
BIO 228L	Biology of Plants Laboratory	0
BIO 355	Conservation, Evolutionary and Ecological Genetics	4
BIO 355L	Conservation, Evolutionary and Ecological Genetics Laboratory	0
BIO 395	Disease Ecology	4
CHE 128	Introductory Chemistry	3
CHE 180	Environmental Chemistry	3
CHE 315	Chemical Oceanography	3
ENS 122	Global Sustainability	4
ENS 242	Environmental Science and Policy	4
ENS 242L	Environmental Science and Policy Discussion	0
ENS 307	Environmental Microbiology	4

ENS 307L	Environmental Microbiology Laboratory	0
ENS 346	Conservation Biology	4
ENS 346L	Conservation Biology Discussion	0
ENS 349	Water, Wetlands and Wildlife	4
HSC 240	Global Disparities in Environmental Health	4
MAR 126	Marine Biology	3
MAR 200	Introduction to Marine Science	3
MAR 201	Origins & Evolution of the Marine Environment	4
MAR 201L	Origins & Evolution of the Marine Environment Laboratory	0
MAR 222	Marine Ecology	4
MAR 222L	Marine Ecology Laboratory	0
MAR 310	Biological Oceanography	4
MAR 310L	Biological Oceanography Laboratory	0
		<b>Subtotal: 4</b>

**Social Sciences Requirement (choose one):**

GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
GEO 250	Urban Geography: Cities in Global Context	4
PSC 285	Environmental Politics	4
PSC 318	Science, Technology and Public Policy	4
SOC 330	Global Sociology	4
		<b>Subtotal: 4</b>

**Statistics Requirement (choose one):**

BIO 230	Experimental Design and Biostatistics	4
HSC 350	Biostatistics	4
MAT 201	Introduction to Statistics	4
PSC 269	Research Methods for Political Science	4
QMB 210	Business Statistics and Analytics	4
		<b>Subtotal: 4</b>

**Upper-Level Electives (choose two):**

Any two of the above listed courses not already being used to satisfy a category		
or		
SPE 308	Group Presentation and Leading Change	4
PSC 343	Politics of Development	4
PSC 455	NGOs and Global Civil Society	4
		<b>Subtotal: 6-8</b>

**Total Credit Hours: 25-28*****Environmental Studies Minor***

The minor in Environmental Studies is an interdisciplinary program designed for students interested in studying scientific, social, political, economic, and/or expressive aspects of global environmental issues to complement their major discipline. The minor includes introductory courses in environmental studies, Geographic Information Systems, and upper-level course work from the Arts and Humanities, Natural Sciences, and Social

Sciences. A capstone experience then completes the program by facilitating interdisciplinary synthesis of knowledge within the field of environmental studies. The Environmental Studies minor provides students with a selection of courses and skills needed to understand the complexities of environmental issues. Applicable prerequisite and co-requisite requirements must be met for all courses.

***Degree Requirements*****Required Courses:**

ENS 198	Introduction to Environmental Studies I	4
ENS 199	Introduction to Environmental Studies II	4
And one of the following courses:		
ENS 235	Geographic Information Systems	4
GEO 235	GIS Mapmaking for the Social Sciences	4
And one of the following courses:		
ENS 401	Environmental Studies Seminar	1
ENS 410	Environmental Studies Capstone	4
		<b>Subtotal: 13-16</b>

**Elective Coursework (Choose 3 courses from at least 2 categories)**

<b>Arts and Humanities</b>		
COM 212	Co-Creative Documentary Abroad	4
PHL 210	Environmental Ethics	4
		<b>Subtotal: 0-8</b>

**Natural Sciences (Choose lecture or lecture w/lab, as applicable):**

BIO 132	Biogeography and Biomes	3
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 128	Introductory Chemistry	3
ENS 122	Global Sustainability	4
ENS 135	Biodiversity Conservation	3
ENS 137	Sustainability in Cities	3
ENS 242	Environmental Science and Policy	4
ENS 242L	Environmental Science and Policy Discussion	0
ENS 307	Environmental Microbiology	4
ENS 307L	Environmental Microbiology Laboratory	0
ENS 346	Conservation Biology	4
ENS 346L	Conservation Biology Discussion	0
ENS 349	Water, Wetlands and Wildlife	4
HSC 240	Global Disparities in Environmental Health	4
MAR 126	Marine Biology	3
MAR 200	Introduction to Marine Science	3
		<b>Subtotal: 0-8</b>

**Social Sciences**

ECO 204	Principles of Microeconomics	4
GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4

GEO 250	Urban Geography: Cities in Global Context	4
PSC 285	Environmental Politics	4
PSC 318	Science, Technology and Public Policy	4

**Subtotal: 0-8****Total Credit Hours: 23-28*****Sustainability Minor***

The Minor in Sustainability is a 22-25 credit hour program for students interested in developing an understanding of the social, scientific, economic, and expressive aspects of global environmental issues. Students must complete 4 introductory-level and 2 upper-level courses from the list of "Approved Sustainability Courses", as well as the Sustainability Minor Capstone seminar. One introductory-level course must be completed from each of the four university colleges (CAL, CNHS, COB, CSSME) and upper-level courses may come from any of the four university colleges. Applicable prerequisite and co-requisite requirements must be met for all courses.

***Degree Requirements*****College of Natural and Health Sciences (choose one):**

BIO 132	Biogeography and Biomes	3
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 126	Chemistry and Society	3
ENS 112	Environmental Science	3
ENS 135	Biodiversity Conservation	3
ENS 137	Sustainability in Cities	3
HSC 203	Nutrition	3
MAR 200	Introduction to Marine Science	3

**Subtotal: 3-4****College of Arts and Letters (choose one):**

PHL 208	Business Ethics	4
PHL 210	Environmental Ethics	4

**Subtotal: 4****Business Courses**

ECO 204	Principles of Microeconomics	4
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**Subtotal: 4****College of Social Sciences, Mathematics, and Education (choose one):**

GEO 102	World Regional Geography	4
GEO 205	Principles of Resource Utilization	4
GEO 207	Economic Geography	4
GEO 235	GIS Mapmaking for the Social Sciences	4
PSC 285	Environmental Politics	4

**Subtotal: 4****Upper Level Courses (choose two):**

BIO 205	Tropical Biology and Conservation	4
BIO 225	Vertebrate Zoology	4
BIO 227	Ecological Physiology	4
BIO 340	Ichthyology	4
BIO 355	Conservation, Evolutionary and Ecological Genetics	4

BIO 355L	Conservation, Evolutionary and Ecological Genetics Laboratory	0
BIO 400	Evolution	4
CHE 180	Environmental Chemistry	3
FMX 313	Documentary Production	4
ECO 310	Environmental Economics and Management	4
ECO 315	International Economic Development	4
ENS 235	Geographic Information Systems	4
ENS 242	Environmental Science and Policy	4
ENS 242L	Environmental Science and Policy Discussion	0
ENS 346	Conservation Biology	4
ENS 346L	Conservation Biology Discussion	0
ENS 349	Water, Wetlands and Wildlife	4
MAR 222	Marine Ecology	4
MAR 310	Biological Oceanography	4
MAR 310L	Biological Oceanography Laboratory	0
MGT 360	Sustainable Development: A New Business Paradigm	4
MGT 365	Business Strategies for Emerging and the Base of the Pyramid Markets	4
NUR 422	Principles of Community Health Nursing	3
SOC 330	Global Sociology	4

**Subtotal: 6-8****Capstone:**

ENS 401	Environmental Studies Seminar	1
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**Subtotal: 1**

Subtotal: 22-25

**Total Credit Hours: 22-25****Department of Health Sciences and Human Performance**

**Faculty:** Professor Wortham, Chair; Professor Sturgill; Associate Professors Andersen, De Souza, Martinasek, Miller, Olsen, O'Sullivan, Tamulevicius, Zontek; Assistant Professors Aguado-Loi, Morris K., Vereen, Walters; Assistant Teaching Professors Houston, Leung, Morris M., Rumbley; Lecturer I McNabb; Lecturer II Borgeas; Clinical Professor of Athletic Training and Medical Director Gasser, Clinical Associate Professor of Athletic Training Sellman.

Students pursuing majors within the Department of Health Sciences and Human Performance are preparing for careers in teaching, human performance, allied health, athletic training, public health and related fields. The department offers majors in allied health, athletic training, human performance, physical education and public health. Students may incur, but is not limited to, additional expenses in the following areas: laboratory fees; immunizations and health screenings as required by the program or the clinical site; health insurance; liability insurance; membership in professional organizations; and transportation and other expenses associated with professional meetings, clinical experiences, and internships. Some sites may require

students to submit to and pay for background checks, specified compliance training, and/or drug testing.

In order to complete all prerequisites and the courses needed for graduation, students must work closely with their faculty advisor regarding course selection and satisfaction of the Baccalaureate Experience requirements outlined in this catalog.

*Athletic Training*

The Bachelor of Science in Athletic Training (BSAT) degree program will no longer be accepting students following the 2021-2022 academic year. All incoming students for the 2022-2023 academic year who expressed an interest in the BSAT degree program will be encouraged to select one of the following majors in Health Sciences and Human Performance – Allied Health (BS) or Human Performance-Exercise Physiology concentration (BS).

*Human Performance*

*Human Performance Major*

This Human Performance concentration is a broad field of exercise science that prepares students for many avenues of professionalism. Students who graduate with a degree in Human Performance can pursue professional jobs in personal training, high-performance coaching, research, and exercise data science.

*Degree Requirements*

**The required courses for the major in human performance:**

ESC 105	Biokinetics and Conditioning	2
ESC 110	Introduction to Exercise Science and Sport Studies	2
ESC 280	Adult Fitness	3
ESC 330	Human Development and Motor Learning	3
ESC 340	Applied Kinesiology	3
ESC 371	Prevention and Care of Sports Injuries	3
ESC 380	Exercise Testing and Prescription	3
ESC 460	Physiology of Exercise	3
ESC 491	Senior Seminar in Exercise Science	3
HSC 100	Personal and Family Health	3
HSC 203	Nutrition	3

Subtotal: 31

**Total Credit Hours: 31**

*Exercise and Recreation Leadership Concentration*

This concentration prepares students for careers in corporate and community fitness, wellness, and recreation.

*Degree Requirements*

**The following courses are required:**

ESC 312	Dance/Rhythmics	3
ESC 372	Principles of Exercise Leadership	2

ESC 400	Physical Education and Fitness for Special Populations	3
ESC 411	Recreation Leadership and Administration	2
ESC 450	Tests and Measurement	3
SPM 312	Management Concepts in Sport	3
	Any combination of other professional (ESC) activity courses	4

**One of the following:**

ESC 150	Comprehensive First Aid/CPR/AED	2
HSC 250	Emergency Care for the Healthcare Professional	3

**One of the following:**

HSC 220	Functional Anatomy	3
HSC 230	Human Anatomy and Physiology I	3

**Subtotal: 25-26**

**Total Credit Hours: 0**

*Exercise Physiology Concentration*

This concentration prepares students for the pursuit of a professional career as an exercise physiologist or strength and conditioning specialist or to be equipped with the skills and competencies necessary to pursue graduate study in Human Performance. PSY 101 must be taken as part of the Baccalaureate Experience.

*Degree Requirements*

**The following courses are required:**

HSC 230	Human Anatomy and Physiology I	3
HSC 231	Human Anatomy and Physiology II	3
HSC 234	Human Anatomy and Physiology I Laboratory	1
HSC 235	Human Anatomy and Physiology II Laboratory	1
HSC 350	Biostatistics	4
HSC 360	Principles of Epidemiology in Exercise and Public Health	4
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1

**One of the following:**

ESC 150	Comprehensive First Aid/CPR/AED	2
HSC 250	Emergency Care for the Healthcare Professional	3

**Subtotal: 22-23**

Subtotal: 0

**Total Credit Hours: 0**

*Allied Health*

*Allied Health Major*

Students who wish to pursue graduate or professional training in allied health fields such as physical therapy, occupational therapy, or physician assistant are encouraged to enroll in this program. Coursework for this program is primarily sequential and field experiences are recommended; it is highly recommended that students meet with their faculty advisor to plan their progress through the program.

Upon completion of this program, the student will have

earned a B.S. degree in allied health. Students will choose one of three specific concentrations within the allied health major including physical therapy sciences, occupational therapy sciences, or medical sciences. The undergraduate program helps the student fulfill many prerequisites necessary to apply to graduate and professional programs in the allied health professions. Graduate and professional programs have a variety of required prerequisite courses. In order to complete all prerequisites and the courses needed for graduation, students must work closely with their faculty advisor regarding course selection and satisfaction of the Baccalaureate Experience requirements outlined in this catalog.

Students enrolled in the allied health program may receive preferential application status to The University of St. Augustine's health professions programs. For more information, contact the program coordinator at The University of Tampa.

### **General Curriculum Distribution**

The General Curriculum Distribution requirements are contained in the academic programs section. Students pursuing a B.S. with a major in allied health must complete all General Curriculum Distribution requirements, with the following stipulations:

1. For the physical therapy sciences concentration, each student must have credit in BIO 198 and CHE 152–153L as part of the natural science component of the General Curriculum Distribution.
2. For the occupational therapy sciences concentration, each student must have credit in BIO 198 and CHE 152–153L as part of the natural sciences component of the General Curriculum Distribution.
3. For the medical sciences concentration, each student must have credit in BIO 198 and CHE 152–153L as part of the natural science component of the General Curriculum Distribution.
4. As part of the social science component, each allied health student must have credit in either ECO 204 or ECO 205.

### **Degree Requirements**

#### **Required courses for the program in allied health:**

HSC 100	Personal and Family Health	3
HSC 130	Medical Terminology	3
HSC 200	Introduction to Allied Health Professions	2
HSC 203	Nutrition	3
HSC 230	Human Anatomy and Physiology I	3
HSC 234	Human Anatomy and Physiology I Laboratory	1
HSC 231	Human Anatomy and Physiology II	3
HSC 235	Human Anatomy and Physiology II Laboratory	1

HSC 250	Emergency Care for the Healthcare Professional	3
HSC 350	Biostatistics	4
HSC 360	Principles of Epidemiology in Exercise and Public Health	4
HSC 491	Seminar in Allied Health	3
PSY 101	General Psychology	4

**Subtotal: 37**

PSY 101: meets General Distribution requirement.

**Each student must choose 1 of the 3 concentrations listed below (Physical Therapy Sciences, Occupational Therapy Sciences, or Medical Sciences).**

Subtotal: 60

**Total Credit Hours: 0**

### **Allied Health Major with a Concentration in Physical Therapy Sciences**

#### **Degree Requirements**

**The following courses are required for a concentration in physical therapy sciences:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
ESC 340	Applied Kinesiology	3
PHY 200	General Physics I	4
PHY 201	General Physics II	4
And two of the following courses:		
ESC 371	Prevention and Care of Sports Injuries	3
ESC 380	Exercise Testing and Prescription	3
ESC 400	Physical Education and Fitness for Special Populations	3
ESC 460	Physiology of Exercise	3
HSC 310	Human Development Across the Lifespan	3

**Subtotal: 33**

### **Allied Health Major with a Concentration in Occupational Therapy Sciences**

#### **Degree Requirements**

**The following courses are required for a concentration in occupational therapy sciences:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
ESC 330	Human Development and Motor Learning	3
ESC 340	Applied Kinesiology	3
ESC 400	Physical Education and Fitness for Special Populations	3

HSC 310	Human Development Across the Lifespan	3
	And two of the following courses:	
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
ESC 371	Prevention and Care of Sports Injuries	3
ESC 380	Exercise Testing and Prescription	3
ESC 405	Community Physical Activity Programs	3
ESC 460	Physiology of Exercise	3
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
<b>Subtotal: 26-28</b>		

### *Allied Health Major with a Concentration in Medical Sciences*

#### *Degree Requirements*

#### **The following courses are required for a concentration in medical sciences:**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
	And two of the following courses:	
BIO 200	Genetics	4
BIO 200L	Genetics Laboratory	0
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 320	Biochemistry	3
ESC 340	Applied Kinesiology	3
ESC 371	Prevention and Care of Sports Injuries	3
HSC 310	Human Development Across the Lifespan	3
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
<b>Subtotal: 26-28</b>		

### *Public Health*

#### *Public Health Major*

Through teaching, scholarship and service, the B.S. with a major in public health prepares students to improve health and prevent disease and disability, locally and around the world.

The B.S. with a major in public health is designed for individuals seeking experiential academic training in health education, health promotion, health communication policy and social change, and general public health practice. The program equips students with the fundamental skills and knowledge necessary for careers in these areas.

Upon completion of the program, students will be prepared for graduate studies or leadership roles in a variety of public health professions. Careers may include health education and promotion, public policy, advocacy, research, nonprofit work, global health initiatives, environmental health, occupational health, community and family health, maternal and child health, adolescent health, health care services and administration, behavioral change campaign development to reduce various health consequences (i.e., unintended pregnancies, sexually transmitted diseases, drunk driving, substance abuse), epidemiology, health communication, emergency preparedness, public health nutrition, biostatistics, disease prevention, minority health and community program development.

Potential employers include the Centers for Disease Control and Prevention, World Health Organization, Association of Education Development, National Institutes of Health, Department of Health and Human Services, Partners in Health, state and local Department of Health, universities, hospitals, community health centers, nonprofit organizations, public and private corporations, institutes and foundations, workplaces, schools, health promotion and social marketing firms, etc.

#### **Admission Requirements**

Upon admission to the University, students can declare Pre-Public Health as their major. Students will be eligible to declare a major of Public Health upon completion of Math 160 or higher (except MATH 180 and 201) with a "C" or higher, AND HSC 236 with a "C" or higher.

#### *Curriculum Description*

The public health major is inherently multidisciplinary. Core quantitative disciplines such as epidemiology and biostatistics are fundamental to analyzing and understanding the broad impact of health problems, allowing us to look beyond individuals to entire populations. In addition, disease prevention is at the heart of public health; therefore, the program includes content in social sciences to better understand health-related behaviors and their societal influences. Also, the manner in which health information is generated and disseminated greatly influences individuals, public officials, organizations, communities and entire populations. Marketing and communication skills enable our students to identify contexts, channels, messages and benefits that will motivate individuals to listen, understand and use health information. Further, successful public health efforts must be led by those who can mobilize, coordinate and direct collaborative actions within complex systems; therefore, our students receive intense coursework in total quality management and leadership.

The curriculum emphasizes health promotion, health education, communication, public and social policy, population health, collaborative leadership and public health practice. A solid foundation in behavioral sciences principles and theories is provided, along with advanced skills in program planning, execution and evaluation. The curriculum includes several courses in health education and promotion that will allow them to sit for a professional certification test in health education (CHES) to complement their public health general degree.

The curriculum consists of required foundational courses and a minimum of 6 academic credits of internship field placement. The internship is designed to provide students with an opportunity, under supervision, to apply the knowledge and skills from the classroom to real-world public health practice. This internship course may be repeated for credit for a maximum of 12 credit hours.

Specific course content includes:

1. Quantitative and qualitative skills needed for problem solving
2. Multidisciplinary, collaborative and ecologically based strategies for solving health-related problems
3. Communication skills in working with diverse populations
4. Understanding social and behavioral determinants of health
5. Development, execution and evaluation of interventions and policies leading to the improvement of population health and
6. Management and leadership development in advocacy and public health service

General Curriculum Distribution

The general curriculum distribution requirements are contained in the Baccalaureate Experience section of the UT Academic Experience chapter of this catalog. Students pursuing a Bachelor of Science in public health must complete all general curriculum distribution requirements.

As part of the natural science component, each public health student must have credit in BIO 183 or BIO 198, BIO 198L and CHE 150 or CHE 152 (note that CHE 153L is a co- or prerequisite for CHE 152). Students must maintain a major GPA of 2.5 to be eligible for graduation.

### *Degree Requirements*

#### **Required foundational courses for the public health major:**

HSC 236	Introduction to Public Health	4
HSC 237	Determinants and Disparities in Health and Disease	4

HSC 240	Global Disparities in Environmental Health	4
HSC 275	Health Education Theory and Strategies	4
HSC 340	Qualitative Research Methods	4
HSC 350	Biostatistics	4
HSC 355	Research Methods in Health Education and Promotion	4
HSC 360	Principles of Epidemiology in Exercise and Public Health	4
HSC 446	Public Health Systems	4
HSC 447	Public Health Disaster Preparedness and Emergency Response	4
HSC 450	Public Health Management and Leadership	4
HSC 490	Internship in Public Health	2-6

**Subtotal: 50**

Subtotal: 62

**Total Credit Hours: 0**

### *Public Health Major with a Concentration in Health Promotion and Practice*

#### *Degree Requirements*

#### **Requirements for the health promotion and practice**

HSC 380	Materials and Methods in Health Education and Health Promotion	4
HSC 440	Health Policy and Social Change	4
HSC 445	Program Planning and Evaluation in Health Promotion and Education	4

**Subtotal: 12**

Subtotal: 12

**Total Credit Hours: 0**

### *Physical Education*

The Physical Education (BS) degree program will no longer be accepting students following the 2021-2022 academic year and will be phased out by the 2023-2024 academic year

### *Exercise Science and Sport Studies Minor*

#### *Degree Requirements*

#### **Requirements for a minor in exercise science and sport studies:**

ESC 110	Introduction to Exercise Science and Sport Studies	2
ESC 400	Physical Education and Fitness for Special Populations	3
HSC 100	Personal and Family Health	3

#### **One of the following:**

ESC 320	Coaching and Teaching of Football and Wrestling	2
ESC 321	Coaching and Teaching of Baseball, Basketball and Softball	2
ESC 322	Coaching and Teaching of Volleyball and Track and Field	2
ESC 323	Coaching and Teaching of Soccer and Field Hockey	2

**One of the following:**

ESC 312	Dance/Rhythmics	3
ESC 372	Principles of Exercise Leadership	2

**One of the following:**

EDU 329	Teaching Physical Education and Health in the Elementary School	3
ESC 280	Adult Fitness	3
SPM 290	Introduction to Sport Management	3

**One of the following:**

HSC 220	Functional Anatomy	3
HSC 230	Human Anatomy and Physiology I	3

**Total Credit Hours: 17-19****Recreation Minor**

The minor in recreation is a non-teaching program designed for those preparing for recreation leadership positions in public government programs, voluntary agencies, industry, hospitals, churches, etc. It does not lead to professional teacher certification. The curriculum requires the completion of 25 credit hours in required courses and guided activities.

**Degree Requirements****Requirements for a minor in recreation:**

ESC 150	Comprehensive First Aid/CPR/AED	2
ESC 151	Swimming	1
ESC 202	Outdoor Education	4
ESC 240	Lifetime Sports	2
ESC 411	Recreation Leadership and Administration	2
ESC 470	Field Work in Recreation	4-6

**One of the following:**

ESC 312	Dance/Rhythmics	3
DAN 142	Beginning Modern Dance I	3
DAN 242	Intermediate Modern Dance	3
DAN 342	Advanced Contemporary Dance	3

**One of the following:**

ESC 320	Coaching and Teaching of Football and Wrestling	2
ESC 321	Coaching and Teaching of Baseball, Basketball and Softball	2
ESC 322	Coaching and Teaching of Volleyball and Track and Field	2
ESC 323	Coaching and Teaching of Soccer and Field Hockey	2

**From drama, art, sociology, music, ecology****Subtotal: 6**

Subtotal: 6

**Total Credit Hours: 25**

The 6 credit hours above from allied health fields must be courses other than those used in the major or for General Curriculum Distribution requirements.

**Department of Nursing**

**Faculty:** Associate Professor Botwinski, Director/Chair Department of Nursing; Associate Professor Berg, MSN Program Director; Associate Professor White, BSN Program Director; Associate Professor Parsons, DNP Program Director; Associate

Professors D'Alesandro, Delacroix; Assistant Professors Bryant, Ernewein, Pedroff, Sassatelli, Umberger; Assistant Teaching Professors Culp, Director of Nursing Skills and Simulation Lab, Royal; Lecturer I Cole, Coleman, Franks, Lewis, Llerena, Moyer, Snow.

The Department of Nursing offers programs at the baccalaureate, master's, and doctoral degree levels. For more information, contact the Department of Nursing at (813) 253-6223 or see [www.ut.edu/nursing](http://www.ut.edu/nursing).

The baccalaureate degree program in nursing, the master's degree program in nursing, and the post-graduate APRN certificate programs at the University of Tampa are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 745, Washington, DC 2001, 202-887-6791.

The Department of Nursing submitted an application for DNP program accreditation by CCNE with site visit scheduled for November 2022. Applying for accreditation does not guarantee accreditation will be granted.

Please be aware that successful completion of a baccalaureate nursing program of study does not confer automatic licensure as a registered nurse. Professional licensure is granted through a testing process by the Board of Nursing in each state. Each individual state's Board of Nursing determines eligibility to sit for the NCLEX-RN examination.

For additional information on how this program prepares students for professional licensure, please visit: BSN disclosure.

**Department of Nursing Mission Statement**

The primary mission of the Department of Nursing is to offer programs of study in nursing science at the baccalaureate, masters and doctoral level that prepare graduates from entry into professional nursing practice to advanced levels of nursing practice and knowledge. Through clinically relevant teaching, learning, research and active application of evidence-based practice, students are prepared to practice competently as providers and managers of care, and members of the profession in a complex, diverse, and evolving healthcare environment.

The Department of Nursing shares the commitment of the College of Natural and Health Sciences and the University to teaching, research, and service; preparing each student as a life-long learner and as a health professional providing quality, safe, evidence based and compassionate health care to the citizens of Florida, the nation, and the global community.

Nursing Department Handbook  
Undergraduate and graduate students at The University



of Tampa who are in one of the nursing academic programs are subject to the rules, responsibilities and code of professional conduct set forth in the most recent edition of the Department of Nursing Handbooks. The handbooks are updated each year, and it is the responsibility of the student to remain familiar with the contents. The handbooks can be found on-line on the BSN, MSN and DNP student Blackboard site.

### *Nursing Major*

The philosophy of the department is that professional nursing is based on knowledge of the arts, sciences, humanities and nursing. UT provides unique opportunities for nursing students to balance “learning by thinking” with “learning by doing.” Students have the opportunity to be instructed by a nationally recognized faculty as well as expert nurse clinicians in current practice. The program offers a learning environment rich in experiences encompassing state-of-the-art technology and clinical expertise in health care provision.

The Bachelor of Science in Nursing degree offers a comprehensive program of learning for students without previous preparation in nursing. The nursing curriculum consists of 125 credit hours, 59 credits from general education courses (including electives) and 66 from nursing courses.

A student seeking to enter the four-year BSN program initially applies to UT as a regular undergraduate student pre-nursing major. With completion of a majority of the nursing prerequisites, the student applies for admission into the nursing program. Students can apply to the nursing program with prerequisites still pending as long as the remaining prerequisites are completed by the end of the semester in which the application is submitted.

A cumulative GPA of 3.25 is required at the time the application is submitted, for the application to be considered for review. Note: Advanced Placement (AP) courses are awarded credit hours but are not part of GPA.

Admission to the BSN program is once a year in the Spring semester. The deadline to submit an application to the BSN program is every October 15. Students are notified mid-November if they were accepted into the nursing program.

The baccalaureate program is a competitive program; Being admitted to UT and meeting the minimum requirements does not guarantee admission into the BSN program. Primary consideration is given to current UT students. Students who have completed a minimum of 12 credits at UT during the spring and/or

summer semesters and are enrolled in a minimum of 12 credits for the fall semester (for the purposes of the Department of Nursing admissions decision process) are considered a UT student. Those who have not completed 12 credits at UT prior to the fall application and are not enrolled in a minimum of 12 credits in the fall semester are categorized as transfer students.

### Four-Year BSN Admission Requirements

- Completion of prerequisite courses with a minimum 3.25 cumulative GPA at the time of application to the nursing program and maintained at the end of the fall semester prior to the nursing program start date.
  - A grade of “C” or better in all prerequisites. (Prerequisites include the courses listed below. These courses must be completed by the end of the fall semester prior to the nursing program start date. Baccalaureate Experience courses apply to UT freshmen and are replaced with other coursework for transfer students.)
  - Completion of medical clearance and immunization form (upon admission)
  - Completion of mandatory criminal background check with no disqualifying results (upon admission)
  - Completion of mandatory drug testing with no disqualifying results (upon admission)
- Meeting core performance standards, including the following:

1. Observation. Students must be able to observe demonstrations and experiments required by the nursing curriculum and be able to participate in such with adequate vision and other sensory modalities, including the senses of hearing and smell. A student must be able to observe a patient accurately at a distance and close proximity.
2. Communication. Students must be able to speak intelligibly and to hear sufficiently to affect an adequate exchange of information with patients, family members and other health professionals. A student must be able to read and write English effectively in order to fulfill academic requirements and to maintain accurate clinical records on patient care.
3. Motor. Students are required to possess motor skills sufficient to elicit independently information from patients by palpation, auscultation, percussion and other manually based diagnostic procedures. Students should be able to provide basic nursing care (clearing the airway, placing catheters, administering medications, turning, and moving patients, etc.) in the general care environment, and coordinate fine and gross muscular movements to

treat patients in normal and emergency situations. Emergency situations include any circumstance in which a patient experiences either a physical or a mental medical event requiring immediate attention and/or intervention.

4. Intellectual-Conceptual, Integrative and Quantitative Abilities. These abilities include an aptitude for rapid problem solving and must possess good judgment in patient assessment and the abilities to incorporate new information, comprehend three-dimensional relationships and retain and recall pertinent information in a timely fashion.
5. Behavioral and Social Attributes. Students must possess the physical and emotional health required for the application of his/her intellectual abilities and the employment of sound judgment in an appropriate and prompt manner. Students must be able to function effectively under physically taxing workloads, and in times of physical and mental stress. Students must display compassion, sensitivity and concern for others, and maintain professional integrity at all times. Components of Application
  - Written application to the Department of Nursing.
  - A personal statement (one-two pages) discussing reasons for electing the nursing major.
  - One letter of recommendation from an academic source.
  - Test of Essential Academic Skills (TEAS) score offered through Assessment Technologies Institute (ATI). See below for information on this test. Upon acceptance to the nursing program and prior to initiating any clinical/laboratory courses, students are subject to additional departmental requirements as noted in the departmental handbook.

Test of Essential Academic Skills (TEAS) examination

Prospective baccalaureate nursing students are required to complete the TEAS exam as a part of the application process. At the time the test is taken, the student must select UT as a designated school to receive electronic results. Scores must be received from the testing service by the university by the application deadline. For more information, visit the ATI website at [www.atitesting.com](http://www.atitesting.com). There is no minimum required score for admission; all scores are accepted and compared to other applicants. However, to be considered competitive it is recommended that a composite score of 72 percent or greater be obtained. Two attempts on the most

recent version of the TEAS are allowed per application cycle.

Progression in BSN Program

In order to progress toward their degree, students must succeed at a progression plan including standardized testing.

*Degree Requirements*

**Prerequisite courses for a four-year BSN degree:**

AWR 101	Writing and Inquiry	4
AWR 201	Writing and Research	4
SOC 100	Introduction to Sociology	4
MAT 160	College Algebra	4
HSC 230	Human Anatomy and Physiology I	3
HSC 231	Human Anatomy and Physiology II	3
HSC 234	Human Anatomy and Physiology I Laboratory	1
HSC 235	Human Anatomy and Physiology II Laboratory	1
CHE 150	Chemistry for Health Care Professions	4
PSY 101	General Psychology	4
BIO 183	Microbiology for the Allied Health Sciences	3
PSY 210	Psychology of Child Development or	4
SOC 240	Sociology of Childhood or	4
EDU 206	Human Development and Learning	4

**Subtotal: 0**

**Required courses for a four-year BSN degree:**

NUR 201	Foundations of Nursing	3
NUR 210	Intro to Pathophysiology	3
NUR 213	Professional Skills in Nursing	3
NUR 213L	Professional Skills in Nursing Lab	2
NUR 218	Health Assessment	4
NUR 314	Nursing Care of the Developing Family	2
NUR 314L	Nursing Care of the Developing Family Laboratory	1
NUR 315	Nursing Care of Children	2
NUR 315L	Nursing Care of Children Laboratory	1
NUR 317	Nursing Care of Adult and Older Adult	4
NUR 317L	Nursing Care of Adult and Older Adult Laboratory	2
NUR 322	Contemporary Issues in Health Care	3
NUR 345	Pharmacology	4
NUR 347	Clinical Human Nutrition	2
NUR 410	Mental Health Nursing Across the Lifespan	2
NUR 410L	Mental Health Nursing Across the Lifespan Laboratory	1
NUR 412	Nursing Care of the Medically-Complex Patient	4
NUR 412L	Nursing Care of the Medically-Complex Patient Laboratory	2

NUR 415	Leadership and Management	3
NUR 422	Principles of Community Health Nursing	3
NUR 422L	Community Health Laboratory	2
NUR 432	Introduction to Nursing Research	3
NUR 452	Clinical Preceptorship	4
NUR 454	Senior Seminar	3
	One of the following:	
NUR	Elective	3
	or	
SOC 205	Medical Sociology	4
	or	
SPA 122	Spanish for the Medical Field	4

**Subtotal: 66**

Subtotal: 0

**Total Credit Hours: 0**

## Department of Sport Management

**Faculty:** Associate Professor Jisha, Chair; Associate Professor Smucker; Assistant Professors Gellock, Tudor, Weiner; Assistant Teaching Professor/Internship Coordinator Flynn.

The Department of Sport Management provides students with a combination of sport business theory and practical experience to prepare them for a successful career in the sport industry. The curriculum consists of sport management courses, 16 credit hours from the Sykes College of Business and a 12 credit-hour internship with a sport organization. The UT Sport Management Program is accredited by the Commission on Sport Management Accreditation (COSMA).

The department emphasizes the importance of experiential learning and provides numerous opportunities for students to interact through internships and volunteer experiences with Tampa Bay area sport organizations. Potential employment segments include professional sport teams, collegiate athletic departments, sport facilities, sport marketing and management agencies, resorts and recreational facilities.

Upon completion of the sport management program, students are expected to:

1. Demonstrate problem solving and critical thinking skills and apply them to the sport business industry.
2. Articulate and apply the understanding of sport management content knowledge (in event and facility management, sport marketing, sport sales, legal aspects in sport, risk management in sport, financial aspects in sport, administrative concepts in sport, media and communication in sport, social issues in sport and sport management research) required of professionals in the field.
3. Demonstrate the skills and attitudes necessary to work collaboratively and effectively as a member of a sport management organization.

4. Articulate and apply the relevant ethical principles and attitudes expected of a sport management professional.
5. Demonstrate and apply effective oral and written communication skills needed in the sport business world.
6. Demonstrate self-direction as an independent, self-confident professional with a commitment to continued professional growth, development, networking and life-long learning.

### *Sport Management Major*

#### *Degree Requirements*

##### **Required Sport Management courses:**

SPM 290	Introduction to Sport Management	3
SPM 298	Practicum in Sport Management	3
SPM 312	Management Concepts in Sport	3
SPM 315	Contemporary Issues in Sport Management	3
SPM 385	Media Relations and Communication in Sport	3
SPM 390	Financial Issues in Sport	3
SPM 395	Sport Marketing/Fundraising	3
SPM 397	Legal Issues and Risk Management in Sport	3
SPM 425	Professional Selling in Sport	3
SPM 491	Seminar in Sport Management	3
SPM 493	Venue and Event Management	4
SPM 495	Internship in Sport Management	6-12
	Select one of the following:	
SPM 374	International Sport Management	3
SPM 375	History of the Modern Olympic Games	3
	or	
SPM 399	Global Sport Management	2
SPM 399A	Global Sport Management - Travel Abroad	2

##### **Sport Management Electives:**

SPM 410	Special Topics in Sport Management	2-3
SPM 499	Independent Study in Sport Management	1-4

SPM 399 (2 credits on campus) and SPM 399A (2 credits study abroad): Class meets regularly for seven weeks prior to study abroad component. Students must take both SPM 399 and SPM 399A. See SPM Department Chair for registration information.

SPM 491: Should be taken during the student's final semester prior to graduation. See SPM Department Chair for registration information.

SPM 495: 12 credits may be taken in the same semester or as two, 6-credit courses through multiple semesters.

SPM 495: Students registering for SPM 495 must have earned a minimum of 60 credit hours and 18 credit hours of SPM course work. Students must contact

the SPM Internship Coordinator for permission to enroll in this course.

**Required Business courses:**

ACC 202	Financial Accounting Information	4
ACC 203	Managerial Accounting	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4

**Total Credit Hours: 65-66**

*Sport Management Minor*

*Degree Requirements*

**Requirements for a sport management minor:**

SPM 290	Introduction to Sport Management	3
SPM 312	Management Concepts in Sport	3
SPM 385	Media Relations and Communication in Sport	3
SPM 390	Financial Issues in Sport	3
SPM 395	Sport Marketing/Fundraising	3
SPM 397	Legal Issues and Risk Management in Sport	3
	Select one of the following:	
SPM 374	International Sport Management	3
SPM 375	History of the Modern Olympic Games	3
SPM 399	Global Sport Management	2
SPM 399A	Global Sport Management - Travel Abroad	2

SPM 312: Students with a double major in SPM and Business may substitute MGT 330 for SPM 312. If a student elects to do this, they need to note that SPM 312 is a "W" course and MGT 330 is not.

\*SPM 399 (2 credits on campus) and SPM 399A (2 credits study abroad): Class meets regularly for seven weeks prior to study abroad component. Students must take both SPM 399 and SPM 399A See SPM Department Chair for registration information.

SPM minors that are not business majors need to contact the SPM Department Chair to register for SPM 390 and SPM 395.

**Total Credit Hours: 21**

# College of Social Sciences, Mathematics and Education

The College of Social Sciences, Mathematics and Education (CSSME) consists of seven departments with curricula in twelve core undergraduate disciplines — actuarial science, computer science, data science, mathematics, mathematics with computer science, criminology and criminal justice, education (elementary and secondary), history, international studies, political science, psychology and applied sociology. From these areas, students may earn one of 31 different degrees or minors, with our Law, Justice and Advocacy (pre-law) minor being one of the most popular.

Special qualities of CSSME include the following:

- Faculty who are excellent teachers and scholars.
- Experiential learning through internships and undergraduate research opportunities.
- Intensive student mentoring.
- Links to the Tampa Bay community.
- Extensive Study Abroad and International education emphases.
- State-of-the-art equipment; access to technology.

With respect to mentoring, CSSME offers students the opportunity to interact with faculty in small classes. The College faculty members are outstanding teachers-scholars who employ state-of-the-art teaching methodologies and experiential learning opportunities, both inside and outside of the classroom. Ninety two percent of CSSME faculty members have earned the highest degrees in their field, and all are experienced and professionally qualified. Faculty members serve as guides and career mentors, acting as professional role models in their relationships with students both in and out of class.

In the area of experiential learning, CSSME offers a variety of internships, from engagement with local schools and government agencies to opportunities with law enforcement, social agencies, and local and regional corporations. An increasing number of our classes feature an out-of-class learning component, which matches students in class with community partners in real-world learning environments. CSSME faculty members also engage students in collaborative research opportunities including Honors research fellowships, many of which result in conference presentations and publications by students.

CSSME strongly encourages education abroad/travel abroad opportunities. Multiple opportunities abound each year. CSSME faculty have embarked with students on trips to Amsterdam, Ghana, London, Paris, Prague, Rome and more recently, Cuba.

Whether a student is seeking a career in a technology-focused discipline, a grounding in the social and behavioral sciences, or a career in teaching and

learning, the College of Social Sciences, Mathematics and Education has a program to meet your interests and aspirations.

## Department of Computer Science

**Faculty:** Professor Gourd, Chair; Assistant Professor Jacques; Assistant Teaching Professor Kancharla.

The University of Tampa's major in computer science is a cutting-edge program that teaches students core and contemporary topics in computing to prepare graduates for a challenging position in industry or for further graduate study. Students receive a comprehensive study of computing that focuses on both the core fundamentals and applied aspects of hardware and software as well as exposure to advanced topics in areas such as machine learning and artificial intelligence; data mining and data management; computer networking and security; web programming and development; and human-computer interaction. The curriculum begins with a unique freshman experience that features a Raspberry Pi computing platform; provides students with many hands-on, projects-based opportunities; and culminates with a rigorous, team-based capstone experience that embraces industry engagement.

### *Computer Science Major*

#### *Degree Requirements*

#### **Core requirements for a major in computer science**

The curriculum includes a set of core courses that provide a strong foundation in computer science. Moreover, the core provides breadth and depth in computer science. It is composed of 11 courses totaling 40 semester credit hours.

CSC 101	The Science of Computing I	4
CSC 102	The Science of Computing II	4
CSC 201	Data Structures and Algorithm Analysis	4
CSC 210	Computer Organization and Architecture	4
CSC 220	Operating Systems and Systems Programming	4
CSC 230	Software Design and Engineering	4
CSC 301	Advanced Data Structures and Algorithms	4
CSC 310	Ethics and Impact of Computing	4
CSC 320	Theory of Computation	4
CSC 401	Senior Capstone I	2
CSC 402	Senior Capstone II	2

**Subtotal: 40**

**Choose electives for a total of 12 additional credit hours**

CSC 330	Introduction to Computer Network Security	4
CSC 340	Database Management Systems	4
CSC 350	Web Programming and Development	4
CSC 410	Artificial Intelligence and Machine Learning	4
CSC 420	Programming Languages and Compilers	4
CSC 450	Independent Study in Computer Science	1-4
CSC 499	Special Topics in Computer Science	4

**Subtotal: 12**

**Mathematics requirements**

MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 270	Discrete Mathematics for Computer Science	4
MAT 271	Computational Linear Algebra	4

**Subtotal: 16**

**Natural science requirements**

PHY 205	General Physics with Calculus I	4
PHY 205L	General Physics with Calculus I Laboratory	0
PHY 206	General Physics with Calculus II	4
PHY 206L	General Physics with Calculus II Laboratory	0

**Subtotal: 8**

Subtotal: 76

**Total Credit Hours: 76**

*Computer Science Minor*

The University of Tampa's minor in Computer Science is designed for students who wish to broaden their knowledge and supplement their undergraduate degree with coursework that develops an understanding of computer science fundamentals and practical computing skills useful in many disciplines. It is designed for students who wish to pursue a graduate degree in computer science or simply to add a secondary field to their major area.

*Degree Requirements*

**Requirements for a minor in computer science**

CSC 101	The Science of Computing I	4
CSC 102	The Science of Computing II	4
CSC 201	Data Structures and Algorithm Analysis	4
CSC 230	Software Design and Engineering	4
CSC 301	Advanced Data Structures and Algorithms	4

**Subtotal: 20**

**Choose electives for a total of 4 additional credit hours**

CSC 330	Introduction to Computer Network Security	4
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CSC 340	Database Management Systems	4
CSC 350	Web Programming and Development	4
CSC 410	Artificial Intelligence and Machine Learning	4
CSC 420	Programming Languages and Compilers	4
CSC 450	Independent Study in Computer Science	1-4
CSC 499	Special Topics in Computer Science	4

**Subtotal: 4**

Subtotal: 24

**Total Credit Hours: 24**

**Department of Criminology and Criminal Justice**

**Faculty:** Associate Professor Hilinski-Rosick, Chair; Professor Branch; Associate Professors Capsambelis, Fitch, Hart, Michel; Assistant Professors Connealy, Dulisse, Paez, Robinson, Severson; Assistant Teaching Professors Genco, Land, Tevlin.

The criminology and criminal justice major leads to a Bachelor of Science degree. Study in this discipline prepares a student to enter graduate school, law school, or secure an entry-level position in the criminal justice field.

**Mission Statement**

It is the mission of the Department of Criminology and Criminal Justice to provide criminological education, research and services to students, practitioners, policymakers, and the community through an intellectually challenging environment that promotes collegiality and an educational experience relevant to crime and criminological theory that is meant to engage intellectual inquiry with domestic and international perspectives.

The goals of the criminology and criminal justice major are to familiarize students with theoretical perspectives in criminology; to convey an accurate sense of the historical development of the discipline; to assure that students acquire a comprehensive understanding of the nature and extent of crime; to convey to students a solid understanding of the components, operations and processes of the criminal justice system; to create opportunities for students to obtain hands-on experience; and to assist students in developing effective communication skills.

**Department of Criminology and Criminal Justice Purposes/Goals**

- Familiarize students with the basic concepts related to criminology and criminal justice including the history of the field of criminology and the three components of the criminal justice system including law enforcement, the courts, and corrections.
- Prepare students to engage in the collection of scholarly research in the field of criminology and criminal justice and the application of basic

research methods including research design, data analysis, and the interpretation of findings.

- Offer students the opportunity to engage in service and experiential learning opportunities through internships in local criminal justice agencies and other service-learning activities.
- Provide students with an understanding of the nature and extent of crime occurring in the United States.
- Assist students in gaining a recognition and understanding of an international perspective of the problem of crime.
- Provide students with a comprehensive background related to the theories of criminal behavior that are recognized by academicians in the field of criminology.

**Transfer Credits**

Please note that many institutions offer three-credit hour courses. Any student who is approved to transfer a three credit hour course into the program must understand he or she must still obtain 44 credit hours to complete the major.

*Criminology and Criminal Justice*

*Criminology and Criminal Justice Major*

*Degree Requirements*

**B.S. Curriculum Core Courses**

CRM 101	Introduction to Criminology	4
CRM 102	Introduction to Criminal Justice	4
CRM 200	Law Enforcement	4
CRM 240	Research Methods	4
CRM 245	Statistics for Criminology and Criminal Justice	4
CRM 311	Criminal Law and Procedure	4
CRM 313	Corrections	4
CRM 324	Criminological Theory	4

**Subtotal: 32**

**Electives for the B.S. Program**

In addition to the core course degree requirements, students must take a minimum of 12 hours of criminology electives that include 8 hours from 300 and 400 level courses. Transfer students must take 15 hours in residence within the major.

Students must choose at least one course from each of the three categories below to satisfy the 12 hours of criminology electives.

**Category 1**

CRM 206	Criminal Investigation	4
CRM 210	Ethics in Justice	4
CRM 212	Juvenile Delinquency	4
CRM 215	Crime Control Policy in the United States	4
CRM 248	Comparative Criminal Justice Systems	2
CRM 248A	Comparative Criminal Justice Systems/Travel Course	2

CRM 249	Human Trafficking and Child Exploitation	4
CRM 290	Special Summer Studies	4

**Subtotal: 4**

**Category 2**

CRM 300	Victimology	4
CRM 307	Crime Scene Investigation	4
CRM 310	Abnormal Behavior and Criminality	4
CRM 321	Comparative Criminology	4
CRM 323	Correctional Law	4

**Subtotal: 4**

**Category 3**

CRM 400	Crime and Punishment: Current Controversies	4
CRM 403	Drugs, Deviance and Crime	4
CRM 406	Violence in America	4
CRM 409	White Collar and Elite Crime	4
CRM 421	Special Issues in Criminal Justice	4
CRM 422	Terrorism	4
CRM 427	Death Penalty	4
CRM 432	Race, Class, Gender and Crime	4
CRM 433	Complexities of Drug Trafficking	4
CRM 450	Independent Study	2-4

**Subtotal: 4**

**Individual Study Opportunities**

Those students planning to attend graduate or law school and meet the requirements outlined in the *Course Descriptions* chapter of this catalog are encouraged to take one of the following courses.

CRM 401	Internship in Criminology	4-16
CRM 451	Senior Thesis	4

**Subtotal: 44**

**Total Credit Hours: 44**

*Criminology and Criminal Justice Minor*

A minor requires 20 credit hours, including CRM 101 and CRM 102 and 8 credit hours of courses at the 300 level or higher. CRM 401 Internship does not count toward the minor. Students may not declare both a criminology and criminal justice minor and a criminal investigation minor.

*Criminal Investigation Minor*

The criminal investigation minor is designed to provide students with substantive courses of study related to the investigation of criminal activity. The program incorporates the study of criminological theory with scientific methods and behavioral concepts necessary for the successful apprehension and prosecution of criminal offenders. Students develop critical thinking skills and analytical abilities that will be invaluable for those pursuing law or graduate school, as well as those seeking careers as forensic scientists or criminal investigators. **Criminology and criminal justice majors are ineligible to earn a criminal investigation minor.**

### *Degree Requirements*

#### **Requirements for a minor in criminal investigation:**

CRM 101	Introduction to Criminology	4
CRM 102	Introduction to Criminal Justice	4
CRM 200	Law Enforcement	4
CRM 206	Criminal Investigation	4
CRM 307	Crime Scene Investigation	4
CRM 311	Criminal Law and Procedure	4

**Subtotal: 24**

Subtotal: 24

**Total Credit Hours: 24**

### *Master of Science Criminology and Criminal Justice*

See the Office of Graduate and Continuing Studies chapter of this catalog for more information.

### *Forensic Science*

#### *Forensic Science Major*

This Bachelor of Science program is a multidisciplinary effort by the Department of Chemistry, Biochemistry and Physics and the Department of Criminology and Criminal Justice, offering students a solid foundation in basic science and the criminal justice system. The program employs the principles of chemistry, biology, physics and mathematics with social science theory and law to help solve crimes and serve the cause of justice. Please see the Department of Chemistry, Biochemistry and Physics section of the College of Natural and Health Sciences chapter of this catalog for program details.

## **Department of Education**

**Faculty:** Associate Professor Wilson, Chair; Professors Almerico, Erben, Soublis; Associate Professors Cloutier, O'Grady; Assistant Professors Ensmann, Franco, Schock; Assistant Teaching Professor Civil; Lecturer Tankersley.

**Mission:** We are leaders, educators, and scholars who passionately prepare exceptionally qualified and highly effective, socially responsive facilitators of active learning.

**Vision:** The Department of Education's vision is that every educator makes a positive difference in the world by creating learner-centered environments that meet the developmental needs of all.

**Philosophy:** The best way for teachers to prepare learners well is to equip them with problem-solving strategies that enable them to cope with new challenges in their personal and professional lives. In the context of coping, learners are enabled to understand the subjective and changing nature of truth; that multiple perspectives exist; and that what is considered to be true by any one individual or at any one point in history may change over time.

The teacher's role is to serve as a guide whose primary responsibility is to act as a facilitator for student learning. In the process of creating learning experiences and environments, the teacher takes into account the well-being and development of the whole learner in terms of physical, emotional, social, aesthetic, intellectual and linguistic needs. The teaching and learning process needs to be characterized by extensive interaction between teacher and learners, and among learners themselves. Teachers provide learners with experiences that enable them to learn by doing, because meaningful learning is an active process.

School is a place where learners develop personal as well as social values. In the words of Maxine Greene, "We have to know about our lives, clarify our situations if we are to understand the world from our shared standpoints." Schooling needs to prepare learners with a broad understanding of the democratic process and the role of the individual in that process. Such an understanding includes how governance structures operate in a democratic society. Schools should not only transmit knowledge about the existing social order, they also should seek to reconstruct it. Learners must be enabled to understand how individuals can take advantage of the democratic process and to act as change agents as they pursue efforts to restructure the society in positive ways.

Teachers need to place a premium on bringing the world into the classroom. Learning experiences need to include field trips, telecommunications, community-based projects of various sorts and opportunities to interact with persons beyond the four walls of the classroom.

Teachers must allow learners freedom of creative choice and provide them with carefully designed experiences that will help them find meaning in their lives and find their own answers to questions. This does not suggest, however, that learners may do whatever they please. The choices that are offered to learners are well-structured and are designed to provide optimal learning.

Curricula are judged by whether they contribute to the individual's quest for personal and professional meaning. Appropriate curricula result in an increased level of personal awareness as well as content-area knowledge.

## **Teacher Education Programs at UT**

The following undergraduate programs offered through The University of Tampa Department of Education are approved by the Florida Department of Education:

- Elementary Education/ESOL & Reading-endorsed (K-6)
- Secondary Biology Education/ESOL-endorsed (6-12)
- Secondary Mathematics Education/ESOL-endorsed (6-12)
- Secondary Social Sciences Education/ESOL-endorsed



(6-12)

Professional Education Minor (6-12)

***Certification Endorsements***

Certification endorsements are offered in Reading and ESOL (English to speakers of other languages). The ESOL endorsement is delivered through an infused model and cannot be earned separately from any degree. The Reading Endorsement is only offered in conjunction with the Elementary Education degree. Like the ESOL endorsement, the Reading endorsement is delivered through an infused model and three stand-alone reading courses (EDU 315, EDU 316, EDU 318) and a reading practicum (EDU 418). Courses are designed to provide students extensive experience working with children, adolescents and young adults in school settings.

Any course transferred to this University for purposes of meeting teacher certification requirements must be equivalent to a specific UT course.

***Florida State Teacher Education Mandates***

Florida state laws pertaining to requirements for certification in teacher education may be enacted after this edition of the UT catalog has gone to press. Education students must comply with these requirements, even if they do not appear in this version of the catalog, in order to graduate from any Florida teacher education program or be certified to teach in the state of Florida. Such information is made available in the Department of Education office and through its Quick Help Guides.

Programs in the Department of Education are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP). This accreditation recognizes that UT education programs have met or exceeded national professional standards for the preparation of teachers and other educators.

Passing all Florida Teacher Certification Exams (FTCE) is a graduation requirement. FTCE include General Knowledge Test (GK), Professional Education Test (PED), and Subject Area Examination (SAE).

***ESOL (English to Speakers of Other Languages) Endorsement***

All Florida teacher education programs must provide ESOL training as part of elementary and secondary certification. Elementary education and secondary education (Biology, Mathematics, Social Sciences) majors complete 15 hours of ESOL coursework to earn an ESOL endorsement. At UT this includes stand-alone ESOL coursework: LIN 217, EDU 312/EDU 354 and EDU 319 ESOL Practicum (with Seminar) II (for elementary and secondary education majors) as well as ESOL content infused into existing education courses. The ESOL Standards (2010) are assessed through targeted assignments uploaded to LiveText (ESOL indicators are addressed) in stand-alone ESOL courses and infused ESOL courses.

Physical Education majors who began their programs in or after fall 2000 as freshmen (regardless of institution) must complete specified ESOL coursework in EDU 354 only to fulfill State ESOL requirements. They do not earn the ESOL Endorsement.

Professional Education Minors do not earn the ESOL Endorsement, but must complete EDU 320 and EDU 358 to meet the State ESOL requirement.

**Admission to Teacher Education*****Undergraduate Admission for Minors***

Students who intend to earn the Professional Education minor at The University of Tampa must apply to the Department of Education. Application forms are available at <https://www.ut.edu/education>.

Students who have submitted the following documentation are eligible for admission to the Professional Education Minor:

- A completed Admission to Professional Education Minor application, which includes a criminal record information form.
- A cumulative GPA of at least 2.5 on a 4.0 scale.

***Undergraduate Admission for Majors***

Students who intend to major in a teacher education program at The University of Tampa begin as a pre-education major and then must apply for admission into the Department of Education. Students must have completed, or will complete, 30 credit hours by the end of sophomore year. Transfer students must be admitted to teacher education before enrolling in any 300- or 400-level education courses. Candidates may not enroll in 300- or 400-level education courses until they are officially admitted to teacher education. Application forms are available at [ut.edu/education/admission](http://ut.edu/education/admission).

Students who have submitted the following documentation are eligible for admission to teacher candidacy. Declaring a pre-education major does not guarantee admission to education programs.

- A completed Admission to Teacher Education application.
- An unofficial transcript indicating completion of 30 credit hours of coursework.
- A cumulative GPA of at least 3.0 (on a 4.0 scale). Students who have a GPA 2.9 - 3.0 may be referred to the department's Admissions, Retention and Dismissal Committee for further consideration.
- Documentation of passing scores on all portions of the General Knowledge (GK) Exam on the Florida Teacher Certification Examinations (FTCE).
- A signed Cooperative Learning Agreement.
- A completed Applicant's Perspective on Education.
- Two completed UT Educator Disposition Assessments with ratings of "1" or higher.
- One letter of recommendation.

- Criminal Record Information form.  
Completed applications are to be submitted online to the Department of Education at <https://www.ut.edu/academics/college-of-social-sciences-mathematics-and-education/department-of-education---education-degrees/application-for-admission-into-the-teacher-education-program> by March 15th (for Fall admittance) or October 15th (for Spring admittance).

## Retention

### *Undergraduate Retention Requirements for Minors*

To continue in the Professional Education Minor at The University of Tampa, students must maintain a cumulative GPA of at least a 2.5 overall, and a 3.0 in all education coursework. Students must make satisfactory progress toward mastery of the FEAPs/InTASC standards and indicators, Florida Reading Competencies 1 and 2, and ESOL Standards documented through the LiveText electronic database and outlined in all undergraduate EDU syllabi.

Students may be required to complete the criminal background check and fingerprinting for classroom observations in local schools.

### *Undergraduate Retention Requirements for Majors*

To continue teacher education studies at The University of Tampa, undergraduate candidates must fulfill the following requirements:

- Maintain a minimum GPA of 3.0. This shall include LIN 217 for elementary and secondary education majors.
- Make satisfactory progress toward mastery of the Uniform Core Curriculum (UCC)/InTASC standards and indicators as documented through the LiveText electronic database and outlined in all undergraduate EDU syllabi.
- Complete required field assignments satisfactorily ("Progressing" or above as measured on the Danielson Framework).
- Pass all three sections of the FTCE prior to graduation: General Knowledge Exam (GK), Professional Area Exam (PED) and Subject Area Exam (SAE).
- Receive a rating of "1" or higher on the Educator Disposition Assessment as part of the intern application.
- Receive a rating of "1" or higher on the Educator Disposition Assessment at the completion of Practicum III.

### *Candidate Remediation*

The candidate who fails to meet state-mandated candidate performance assessment benchmarks and fails to evidence acceptable mastery of the UCCs or candidates who do not reach department benchmarks

in disposition will be referred to the department chairperson and to the Admission, Retention, and Dismissal (ARD) Committee for remediation. The committee will recommend specific candidate interventions intended to help the candidate achieve the expected targets and benchmarks. Remediation always requires enrollment in the 0-3 credit hour course EDU 380 Professional Development Clinical.

### *LiveText Electronic Database*

The Department of Education uses the LiveText database system to formally collect data to document candidate progress and mastery of competencies in and across programs, including the Professional Education Minor. For teacher candidates, LiveText provides evidence that FEAP/InTASC/PEC/Subject Area Competencies and Skills/ESOL Domains/Reading Endorsement Competencies (REC), FSS/NGSSS have been met prior to the culminating field/clinical experience. All education candidates are required to obtain and manage a LiveText account. Candidates who do not upload required critical UCC assignments to LiveText will earn a grade of "Incomplete" in the course and be referred to the ARD Committee for further action/remediation.

### *Cooperative Learning*

Education majors at The University of Tampa are required to engage in numerous cooperative group activities, projects and presentation. Many of these are prepared outside of class. The rationale for this requirement is two-fold.

- Contemporary teachers are required to understand, create and facilitate noncompetitive group investigation and cooperative learning experiences in their classrooms. An understanding of the process of cooperation and the attainment of related skills is developed through one's own involvement in such experiences.
- Teachers are compelled to collaborate and cooperate noncompetitively with other teachers in their school, to team-teach and to carry out various school missions, projects and presentations. Therefore, teacher preparation students are expected to create and implement group activities, projects and presentations. They are to be fully committed to such requirements in terms of availability, preparation, punctuality, reliability and the spirit of cooperation. Failure to meet these requirements may result in student dismissal from the Department of Education.

### *Teaching Practica*

All education majors will participate in five practicum experiences.

Candidates desiring to enroll in the Teaching Practicum IV: Final Internship program (EDU 413) must apply the semester preceding the proposed

practicum. The application for the final internship includes the following:

- Completed Intern Application Form.
- Unofficial copy of transcript documenting a 3.0 GPA or higher with no “I” (incomplete) grades, and completion of a minimum of 30 credit hours in the UT Teacher Preparation program.
- Disposition Assessment.
- Criminal Record Information Form.
- Documentation providing proof of fingerprinting with Hillsborough County Schools.
- Official documentation of passing scores on the Professional Area Exam (PED) and Subject Area Exam (SAE) of the FTCE, or proof of registration for either section not yet passed.
- At the end of the semester prior to candidates’ final internships, the ARD Committee will audit and review through LiveText whether candidates have received a grade of acceptable or higher on all UCC standards in all critical tasks. Candidates who fail this requirement will not be permitted to commence their final internships.

All requirements are subject to change to comply with state Department of Education regulations.

Students enrolled in EDU 413 must concurrently enroll in EDU 410 Teaching Practicum IV Seminar (all Elementary majors must additionally enroll in EDU 418 Reading Practicum). No other courses may be taken during Practicum IV (the final internship).

Students who major in Education and graduate from UT’s approved teacher education program satisfy the eligibility criteria for a Professional Florida teaching certificate and an initial teaching certificate in most other states. More information regarding internships can be found in the Practicum IV Intern Handbook, which is distributed prior to the Practicum IV internship (final internship).

Students who complete the Professional Education Minor and meet all State requirements satisfy eligibility requirements for a Temporary Florida teaching certificate. Students enrolled in the minor are provided with the coursework that, in conjunction with successful completion of Florida teacher certification examinations, one year of successful teaching experience, and successful completion of a district approved competence demonstration program for first year teachers, allows for converting a three-year non-renewable Temporary Certification into a five-year renewable Professional Certification.

### **Teacher Education Course Sequence**

The recommended course sequences for each teacher education program are listed in the “Quick Help Guide” which can be found on the UT Blackboard website and outside of the Education Department Office. Please note teacher education majors must complete a prescribed

series of core courses to fulfill certification requirements.

It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined in the “Quick Help Guide.” Students should monitor their progress toward meeting requirements on Workday. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements. Refer to course descriptions in the catalog.

### *Elementary Education*

### *Elementary Education Major*

### *Degree Requirements*

#### **Requirements for education majors in the baccalaureate program:**

LIN 217	ESOL Foundations	4
		<b>Subtotal: 4</b>
LIN 217 fulfills a Humanities requirement.		
<b>Requirements for elementary education:</b>		
EDU 200	Foundations of American Education	4
EDU 206	Human Development and Learning	4
EDU 207	Philosophy of Education and Teacher Learner Relationships	4
EDU 211	Pre-Education Practicum	2
EDU 212	Human Exceptionalities	4
EDU 302	Assessment and Continuous Improvement (ESOL-infused course)	4
EDU 305	Classroom Management and Critical Thinking (ESOL-infused course)	4
EDU 309	Practicum (with Seminar) I (ESOL-infused course)	1
EDU 312	Communication and ESOL Applications	4
EDU 315	Teaching Literature and Language Arts in the Elementary School (ESOL-infused course)	4
EDU 316	Teaching Reading in the Elementary School (ESOL-infused course)	4
EDU 317	Diversity and Ethics (ESOL-infused course)	4
EDU 318	Teaching Reading Through Diagnostic Assessment and Instruction (ESOL-infused course)	4
EDU 319	ESOL Practicum (with Seminar) II	1
EDU 334	Teaching Social Studies in the Elementary School (ESOL-infused course)	3
EDU 336	Instructional Laboratory I	1
EDU 402	Teaching Art, Music and PE in the Elementary School (ESOL-infused course)	4
EDU 403	Technology in Education II (ESOL-infused course)	2

EDU 408	Teaching Mathematics in the Elementary School (ESOL-infused course)	4
EDU 409	Practicum (with Seminar) III	2-4
EDU 410	Final Internship Seminar IV	2
EDU 413	Final Internship Practicum IV	10
EDU 418	Reading Practicum	1
EDU 434	Teaching Science in the Elementary School (ESOL-infused course)	3
EDU 436	Instructional Laboratory II	1

**Subtotal: 81-83**

Passing all Florida Teacher Certification Exams (FTCE) is a graduation requirement. FTCE include General Knowledge Test (GK), Professional Education Test (PED), and Subject Area Examination (SAE).  
Subtotal: 85-87

**Total Credit Hours: 85-87**

*Secondary Education*

*Secondary Education Majors*

Biology (6-12), Mathematics (6-12) and Social Sciences (6-12)

*Secondary Biology Education Major*

Secondary biology education majors are eligible to earn certification in biology for grades 6-12 upon program completion. Candidates also must meet the ESOL requirements of the state of Florida to teach in public schools. In doing so, biology education majors will earn an endorsement in ESOL. Biology education majors are required to take the secondary education courses listed in this section and the 32 credit hours of biology/science courses.

*Degree Requirements*

**Requirements for education majors in the baccalaureate program**

LIN 217	ESOL Foundations	4
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**Subtotal: 4**

LIN 217 fulfills a Humanities requirement.

**Education Courses Required**

EDU 200	Foundations of American Education	4
EDU 206	Human Development and Learning	4
EDU 207	Philosophy of Education and Teacher Learner Relationships	4
EDU 211	Pre-Education Practicum	2
EDU 212	Human Exceptionalities	4
EDU 306	Teaching Reading in the Secondary Content Areas (ESOL-infused course)	4
EDU 309	Practicum (with Seminar) I (ESOL-infused course)	1
EDU 310	Teaching Science in the Secondary School (ESOL-infused course)	4
EDU 317	Diversity and Ethics (ESOL-infused course)	4
EDU 319	ESOL Practicum (with Seminar) II	1

EDU 325	Secondary Classroom Assessment	4
EDU 335	Secondary Classroom Management	4
EDU 345	Methods of Secondary Instruction	4
EDU 354	Teaching English to Speakers of Other Languages I-Secondary (TESOL I)	3
EDU 403	Technology in Education II (ESOL-infused course)	2
EDU 409	Practicum (with Seminar) III	2-4
EDU 410	Final Internship Seminar IV	2
EDU 413	Final Internship Practicum IV	10
EDU 481	Comprehensive Subject Area Competency and Skills (SACS)	0

**Subtotal: 63-65**

**Required Biology Courses**

BIO 198	General Biology I and	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II and	3
BIO 199L	General Biology II Laboratory	1
BIO 200	Genetics and	4
BIO 200L	Genetics Laboratory	0
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1

**Subtotal: 20**

**Additional Biology Course Requirements**

Choose three upper division biology department courses that are numbered above BIO 201, MAR 200, and ENS 200-level.

BIO 230, 390, 408, 410, 420, 440, 445, 450, 480, 490, 495 and ENS 235 cannot count as upper-division Biology Department courses for this degree program.

**Subtotal: 12**

Passing all Florida Teacher Certification Exams (FTCE) is a graduation requirement. FTCE include General Knowledge Test (GK), Professional Education Test (PED), and Subject Area Examination (SAE).  
Subtotal: 99-101

**Total Credit Hours: 99-101**

*Secondary Mathematics Education Major*

Secondary mathematics education majors are eligible to earn certification in mathematics for grades 6-12 upon program completion. Candidates also must meet the ESOL requirements of the state of Florida to teach in public schools. In doing so, mathematics education majors will earn an endorsement in ESOL.

*Degree Requirements*

**Requirements for education majors in the baccalaureate program**

LIN 217	ESOL Foundations	4
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**Subtotal: 4**

LIN 217 fulfills a Humanities requirement.

**Education Courses Required**

EDU 200	Foundations of American Education	4
EDU 206	Human Development and Learning	4
EDU 207	Philosophy of Education and Teacher Learner Relationships	4
EDU 211	Pre-Education Practicum	2
EDU 212	Human Exceptionalities	4
EDU 306	Teaching Reading in the Secondary Content Areas (ESOL-infused course)	4
EDU 309	Practicum (with Seminar) I (ESOL-infused course)	1
EDU 311	Teaching Mathematics in the Secondary School (ESOL-infused course)	4
EDU 317	Diversity and Ethics (ESOL-infused course)	4
EDU 319	ESOL Practicum (with Seminar) II	1
EDU 325	Secondary Classroom Assessment	4
EDU 335	Secondary Classroom Management	4
EDU 345	Methods of Secondary Instruction	4
EDU 354	Teaching English to Speakers of Other Languages I-Secondary (TESOL I)	3
EDU 403	Technology in Education II (ESOL-infused course)	2
EDU 409	Practicum (with Seminar) III	2-4
EDU 410	Final Internship Seminar IV	2
EDU 413	Final Internship Practicum IV	10
EDU 481	Comprehensive Subject Area Competency and Skills (SACS)	0

**Subtotal: 63-65**

**Mathematics education majors are required to take the secondary education courses listed in this section and the following 28 credit hours of mathematics courses.**

MAT 180	College Geometry	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 299	Introduction to Higher Mathematics	4
MAT 300	Differential Equations	4
MAT 310	Probability	4

**Subtotal: 28**

**One of the following:**

MAT 308	Linear Algebra	4
MAT 420	Modern Abstract Algebra	4

**Subtotal: 4**

Subtotal: 99-101

**Total Credit Hours: 99-101**

Passing all Florida Teacher Certification Exams (FTCE) is a graduation requirement. FTCE include General Knowledge Test (GK), Professional Education Test (PED), and Subject Area Examination (SAE).

*Secondary Social Science Education Major*

Secondary social science education majors are eligible to earn certification in social science for grades 6–12 upon program completion. Candidates also must meet the ESOL requirements of the state of Florida to

teach in public schools. In doing so, social science education majors will earn an endorsement in ESOL. Social science education majors are required to take the secondary education courses listed in this section and the following 40 hours of social science courses.

*Degree Requirements*

**Requirements for education majors in the baccalaureate program**

LIN 217	ESOL Foundations	4
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**Subtotal: 4**

LIN 217 fulfills a Humanities requirement.

**Education Courses Required**

EDU 200	Foundations of American Education	4
EDU 206	Human Development and Learning	4
EDU 207	Philosophy of Education and Teacher Learner Relationships	4
EDU 211	Pre-Education Practicum	2
EDU 212	Human Exceptionalities	4
EDU 306	Teaching Reading in the Secondary Content Areas (ESOL-infused course)	4
EDU 308	Teaching Social Studies in the Secondary School (ESOL-infused course)	4
EDU 309	Practicum (with Seminar) I (ESOL-infused course)	1
EDU 317	Diversity and Ethics (ESOL-infused course)	4
EDU 319	ESOL Practicum (with Seminar) II	1
EDU 325	Secondary Classroom Assessment	4
EDU 335	Secondary Classroom Management	4
EDU 345	Methods of Secondary Instruction	4
EDU 354	Teaching English to Speakers of Other Languages I-Secondary (TESOL I)	3
EDU 403	Technology in Education II (ESOL-infused course)	2
EDU 409	Practicum (with Seminar) III	2-4
EDU 410	Final Internship Seminar IV	2
EDU 413	Final Internship Practicum IV	10
EDU 481	Comprehensive Subject Area Competency and Skills (SACS)	0

**Subtotal: 63-65**

**Required**

SOC 100	Introduction to Sociology	4
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**Subtotal: 4**

**Government**

One PSC American Government course.

**Subtotal: 4**

**Economics**

One of the following:

ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4

**Subtotal: 4**

**History**

HIS 102	World History to 1500	4
HIS 103	World History from 1500 to the Present	4

HIS 122	The United States to 1877	4
HIS 123	The United States Since 1877	4
		<b>Subtotal: 16</b>

**One of the following:**

One 300 or 400 level HIS course		<b>Subtotal: 4</b>
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**One of the following:**

Topic must include Asian, African, Latin American OR Middle Eastern history		<b>Subtotal: 4</b>
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<b>Geography</b>		<b>Subtotal: 4</b>
One GEO course.		

<b>Subtotal: 107-109</b>		<b>Subtotal: 4</b>
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**Total Credit Hours: 107-109**

Passing all Florida Teacher Certification Exams (FTCE) is a graduation requirement. FTCE include General Knowledge Test (GK), Professional Education Test (PED), and Subject Area Examination (SAE).

*Professional Education Minor*

The Professional Education Minor offers opportunities to students across university majors seeking a pathway into the field of teaching and to temporary teacher certification in the state of Florida.

The Professional Education Minor is open to all non-education majors at The University of Tampa. The minor has 25 required credit hours.

This Professional Education Minor meets the Florida Department of Education (FLDOE) requirements for the Professional Training Option (PTO). Each class listed in the minor is required for state program approval for a temporary teaching certificate.

The minor includes two field placements in 6th-12th grade classrooms, prior to graduation, under the careful supervision of experienced teachers and University supervisors. The field experience is designed for UT students to observe effective teaching practices and deepen their knowledge base related to content, the learner and learning, instructional practice, and professional responsibility. Students develop their planning and instructional skills as they work with individual and small groups of 6th-12th grade students. Coursework meets the requirements of the Florida Department of Education professional training option and is consistent with the program requirements of state administrative rule 6A-5.066 and includes the state required professional preparation outlined in Florida Department of education administrative rule 6A-4.006.

Upon graduation and satisfaction of all requirements for a temporary teaching certificate set forth by the Florida Department of Education, students are eligible for a temporary Florida teaching certificate.

For information about types of certificates, visit FLDOE Certificates and Requirements.

For information regarding subject area mastery, refer to FLDOE Subject Area Knowledge.

Students enrolled in the minor are provided with the coursework that, in conjunction with successful completion of Florida teacher certification examinations, one year of successful teaching experience, and successful completion of a district approved competence demonstration program for first year teachers, allows for converting a three-year non-renewable temporary certification into a five-year renewable professional certification.

An application to the program is required. See Department of Education website.

*Professional Education Minor Requirements*

EDU 206	Human Development and Learning	4
EDU 306	Teaching Reading in the Secondary Content Areas (ESOL-infused course)	4
EDU 309	Practicum (with Seminar) I (ESOL-infused course)	1
EDU 320	ESOL Observational Practicum	1
EDU 325	Secondary Classroom Assessment	4
EDU 335	Secondary Classroom Management	4
EDU 345	Methods of Secondary Instruction	4
EDU 358	Understanding TESOL	3
		<b>Subtotal: 25</b>

Note: EDU 309 / EDU 335 are co-requisites, and EDU 320 / EDU 358 are co-requisites.  
Subtotal: 25

**Total Credit Hours: 25**

*Master of Education - Curriculum and Instruction*

See the Office of Graduate and Continuing Studies chapter of this catalog for more information.

*Master of Education - Educational Leadership*

See the Office of Graduate and Continuing Studies chapter of this catalog for more information.

*Master of Science - Instructional Design and Technology*

See the Office of Graduate and Continuing Studies chapter of this catalog for more information.

**Department of History, Sociology, Geography and Legal Studies**

**History, Geography and Legal Studies Faculty:** Associate Professor Groh, Chair of History, Geography and Legal Studies; Professor Segalla; Associate Professor Littell-Lamb; Assistant Professors Pompeian, Palmer; Assistant Teaching Professors Anderson, O'Brien.

**Applied Sociology Faculty:** Associate Professor Friesen, Chair of Sociology; Professor Cragun; Associate Professor Sumerau; Assistant Professor Holway; Assistant Teaching Professors Chananie, Chubin, Contessa, Cooper, Zeller.

*History*

*History Major*

The History major prepares students to use knowledge of the past, of human diversity and complexity, of contingency and of continuity, in order to consider the limits and possibilities of human choices in the modern world. Students develop skills of analysis, including the ability to understand context, to understand change and continuity over time, and to draw conclusions from diffuse, fragmentary and biased sources, including non-quantifiable evidence. The History major prepares students for the choices and responsibilities they will encounter as participants in a free polity and as agents in a global society, while also developing skills in reading, writing, research, and analysis useful in diverse professional fields. The History major is excellent preparation for graduate study and careers in law, public administration, business, library science and information management, non-governmental organizations, consulting, teaching, military service, non-fiction writing, foreign service, museum work and public history.

Each student takes the required core courses and introductory survey courses and chooses one of three concentrations: the "Standard Concentration," the "American History and Law Concentration," or the "Global History and Culture Concentration."

*Degree Requirements*

**Required Core Courses for a Major in History:**

HIS 201	The Historian's Craft and	4
HIS 400	History Capstone Research Seminar	4

**Subtotal: 8**

**Two of the Following Introductory Survey Courses:**

HIS 102	World History to 1500	4
HIS 103	World History from 1500 to the Present	4
HIS 122	The United States to 1877	4
HIS 123	The United States Since 1877	4

**Subtotal: 8**

Subtotal: 16

**Total Credit Hours: 16**

*History Major with Standard Concentration*

This concentration prepares students to meet the standard History Program Objectives by training students in the historical discipline and its research methodologies.

*Degree Requirements*

**A. Standard Concentration**

Whichever concentration the student chooses, all students must complete the Survey and Core requirements (16 credits) listed under "History Major."

**One North American History Course:**

HIS 205	Native American Histories: Colonialism and Resistance	4
HIS 215	Women in American History	4
HIS 225	The Age of the Civil War	4
HIS 229	History of Sexuality	4
HIS 266	Coming to America: The Immigrant Experience in History, Fiction and Film	4
HIS 275	The Civil Rights Movement	4
HIS 304	History of Florida	4
HIS 320	Museums, Historic Sites and Archives	4
HIS 321	Revolutionary America	4
HIS 326	The History of U.S. Foreign Relations	4
HIS 335	U.S. Constitutional History	4

**Subtotal: 4**

**One European/Mediterranean History Course:**

HIS 204	Twentieth Century Europe	4
HIS 260	The Holocaust	4
HIS 269	Paris in the 1920s: The Cultural Impact of the Great War	4
HIS 302	Revolutionary Europe 1712 to 1919	4
HIS 305	The Ancient World	4
HIS 306	The Middle Ages	4
HIS 308	Renaissance and Reformation	4

**Subtotal: 4**

**One Latin American, Asian, African or Middle Eastern History Course:**

HIS 128	History of the Islamic World	4
HIS 217	China's Centuries of War and Revolution: since 1800	4
HIS 220	Introduction to African History	4
HIS 221	Japan's Modern Centuries	4
HIS 227	China and the World to 1800	4
HIS 228	Traditional Japan	4
HIS 236	Latin America	4
HIS 300	The Modern Middle East and North Africa	4
HIS 317	China's Revolutionary Twentieth Century	4
HIS 322	Spanish Caribbean and its Diasporas	4
HIS 323	Age of Revolutions in the Americas	4
HIS 332	Imperialism and Nationalism in Asia and Africa	4

**Subtotal: 4**

**Four History Electives at Any Level.**

**Subtotal: 16**

Upper-Level Course Requirements:

Students must take at least 16 credits in HIS courses numbered 300 or above, including courses taken in fulfillment of the History Core, or any of the requirements listed above.

Subtotal: 28

**Total Credit Hours: 44**

*History Major with Global and Culture Concentration*

*Degree Requirements*

**B. Global History and Culture Concentration**

**Whichever concentration the student chooses, all students must complete the Survey and Core requirements (16 credits) listed under "History Major."**

**This concentration within the History major focuses on the historical study of culture in regionally specific social and political situations from ancient to modern times. It allows students to pursue their interests in particular world regions and specific forms of cultural expression. History Majors concentrating in Global History and Culture receive the same introduction to the history discipline and its research methodologies as the Standard concentration, and develop the same skill set, but with enhanced competencies in the understanding of cultures around the world. The Global History and Culture concentration prepares students for the same career and graduate study options as the Standard Concentration, and provides additional preparation for graduate study and careers in cultural studies, policy studies, development studies, international business, international aid and development work, human rights and social justice advocacy groups, international education, and the travel industry.**

**Subtotal: 32**

**Three Global History Elective Courses:**

HIS 128	History of the Islamic World	4
HIS 204	Twentieth Century Europe	4
HIS 205	Native American Histories: Colonialism and Resistance	4
HIS 206	Slavery and Racism in the Early Americas: A Comparative Perspective	4
HIS 212	Witchcraft and Magic in the Early Modern Atlantic World	4
HIS 217	China's Centuries of War and Revolution: since 1800	4
HIS 219	Mistaken Identities: Myths and Realities of the New World Encounter	4
HIS 220	Introduction to African History	4
HIS 221	Japan's Modern Centuries	4
HIS 227	China and the World to 1800	4
HIS 228	Traditional Japan	4
HIS 236	Latin America	4
HIS 260	The Holocaust	4

HIS 269	Paris in the 1920s: The Cultural Impact of the Great War	4
HIS 300	The Modern Middle East and North Africa	4
HIS 302	Revolutionary Europe 1712 to 1919	4
HIS 305	The Ancient World	4
HIS 306	The Middle Ages	4
HIS 308	Renaissance and Reformation	4
HIS 317	China's Revolutionary Twentieth Century	4
HIS 322	Spanish Caribbean and its Diasporas	4
HIS 323	Age of Revolutions in the Americas	4
HIS 332	Imperialism and Nationalism in Asia and Africa	4
HIS 402	Natural and Unnatural Disasters in Modern World History	4

**Subtotal: 12**

**Four Culture Elective Courses:**

ARA	ARA 202-level or above Arabic	4
ART 268	History Survey I	4
ART 269	History Survey II	4
ART 271	Pre-Columbian	4
CHI	CHI 202-level or above Chinese	4
FRE	FRE 202-level or above French	4
GEO 240	Cultural Geography	4
GER	GER 202-level or above German	4
HIS 320	Museums, Historic Sites and Archives	4
ITA	ITA 202-level or above Italian	4
JPN	JPN 202-level or above Japanese	4
LIT 201	World Literature I	4
LIT 202	World Literature II	4
LIT 229	Contemporary African Literature	4
LIT 233	Trauma Narratives: Africa	4
LIT 312	Contemporary World Literature	4
LIT 324	Post-Colonial Literature and Theory	4
LIT 334	The Medieval Vision	4
LIT 348	Sex and Seduction in the Early American Republic	4
MUS 191	World Music	3
PHL 205	Feminist Philosophy	4
PHL 206	Philosophy of Religion	4
PHL 215	Ancient Philosophy: Plato and Aristotle	4
PHL 217	Social and Political Philosophy	4
PHL 225	Modern Philosophy: Descartes to Kant	4
PHL 235	Philosophy of Martial Arts	4
PHL 236	Yoga and Philosophy	4
PHL 237	Indian and Asian Philosophy	4
PHL 320	Chinese Philosophy	4
PHL 321	Daoist Philosophy and Religion	4
POR	POR 202-level or above Portuguese	4
REL 205	World Religions	4
SPA	SPA 202-level or above Spanish	4
THR 253	Survey of World Theatre	4
THR 254	Survey of World Theatre II	4

**Subtotal: 16**

**One History Elective Course at any level**



Any additional HIS course.

**Subtotal: 4**

Upper-Level Course Requirements:  
Sixteen credits counted for the major must be taken at the 300-level or above, and at least eight of these upper-level credits must be in HIS courses, including courses taken in fulfillment of the History Core and the other requirements listed above.

Subtotal: 32

**Total Credit Hours: 48**

*History Major with American History and Law Concentration*

*Degree Requirements*

**C. American History and Law Concentration**

Whichever concentration the student chooses, all students must complete the Survey and Core requirements (16 credits) listed under "History Major."

This concentration prepares students to meet the regular History Program Objectives and to provide traditional historical preparation for Law School combined with the study of contemporary legal practice.

The History major provides excellent preparation for law school because it pursues the following objectives desired by the American Bar Association for pre-law preparation: "Problem Solving, Critical Reading, Writing and Editing, Oral Communication and Listening, Research, Organization and Management, Public Service and Promotion of Justice, Relationship-building and Collaboration, Background Knowledge, Exposure to the Law."

([www.americanbar.org/groups/legal\\_education/resources/pre\\_law.html](http://www.americanbar.org/groups/legal_education/resources/pre_law.html))

**Subtotal: 32**

**Three American History Elective Courses:**

HIS 205	Native American Histories: Colonialism and Resistance	4
HIS 206	Slavery and Racism in the Early Americas: A Comparative Perspective	4
HIS 215	Women in American History	4
HIS 225	The Age of the Civil War	4
HIS 229	History of Sexuality	4
HIS 275	The Civil Rights Movement	4
HIS 304	History of Florida	4
HIS 320	Museums, Historic Sites and Archives	4
HIS 321	Revolutionary America	4
HIS 323	Age of Revolutions in the Americas	4
HIS 326	The History of U.S. Foreign Relations	4
HIS 335	U.S. Constitutional History	4

**Subtotal: 12**

**Four Law Elective Courses:**

LJA 204	Introduction to Law, Justice, and Advocacy	4
LJA 211	Legal Research and Writing	4
LJA 315	Appellate Advocacy	4

LJA 316	Trial Advocacy	4
LJA 401	Moot Court Tournament	4
PHL 201	Logic	4
PHL 202	Ethics	4
PHL 311	Philosophy of Law	4
PHL 312	The Philosophy of Human Rights	4
PHL 313	Justice	4
PHL 314	International Justice	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4

**Subtotal: 16**

**One History Elective Course:**

HIS 102 or above.

**Subtotal: 4**

Upper-Level Course Requirement:

Students must take sixteen HIS or LJA credits at the 300-level or above, including courses taken in fulfillment of the above requirements and the History Core.

**Total Credit Hours: 48**

*History Minor*

*Requirements for a minor in history:*

Students must complete 20 credit hours in history (HIS).

*Sociology*

*B.A. in Applied Sociology Major*

The goal of the applied sociology program is to enable students to think scientifically and practically about societies, human behavior, and social dimensions of work and knowledge. The focus is on developing citizen-scholars who can apply sociological insights to understand and solve social problems, issues, and concerns in practical and academic settings. The applied sociology curriculum emphasizes the development of critical, analytical, and practical thinking and writing skills. Training in applied sociology provides excellent preparation for graduate and professional studies as well as administrative and conflict resolution work in many business, non-profit, political, and other organizational fields including but not limited to counseling, clinical and social work contexts and careers. Through the completion of the required courses and a practical experience (i.e., an internship and / or directed applied research project) offering real-life application of sociology to a specific social context, students learn to evaluate social conditions and design solutions to social problems.

*Degree Requirements*

**Requirements for a B.A. in Applied Sociology:**

SOC 100	Introduction to Sociology	4
SOC 306	Racial and Ethnic Relations	4

	or		
SOC 313	Social Stratification	4	
	or		
SOC 320	Sociology of Gender	4	
SOC 344	Sociological Theories	4	
SOC 355	Introductory Data Science	4	
SOC 375	Research Methods	4	
SOC 460	Applied Sociology	4	
SOC 480	Practice Experience	4	
SOC	Electives	8	

**Total Credit Hours: 36*****B.S. in Applied Sociology Major***

The goal of the B.S. in applied sociology program is to enable students to think scientifically and practically about societies, human behavior, and social dimensions of work and knowledge. The focus is on the responsible collection and analysis of social data, thus developing citizen-scholars who can apply sociological insights to understand and solve social problems, issues, and concerns in practical and academic settings. The applied sociology curriculum emphasizes the development of critical, analytical, and practical thinking and writing skills. Training in applied sociology provides excellent preparation for graduate and professional studies as well as administrative and conflict resolution work in many business, non-profit, political, and other organizational fields including but not limited to counseling, clinical and social work contexts and careers. Through the completion of the required courses and a practical experience (i.e., an internship and / or directed applied research project) offering real-life application of sociology to a specific social context, students learn to evaluate social conditions and design solutions to social problems.

***Degree Requirements*****Requirements for a B.S. in Applied Sociology:**

SOC 100	Introduction to Sociology	4	
SOC 316	Population and Society	4	
	or		
SOC 365	Qualitative Research Methods	4	
	or		
GEO 235	GIS Mapmaking for the Social Sciences	4	
SOC 344	Sociological Theories	4	
SOC 355	Introductory Data Science	4	
SOC 375	Research Methods	4	
SOC 460	Applied Sociology	4	
SOC 480	Practice Experience	4	
SOC	Electives	8	

**Total Credit Hours: 36*****Sociology Minor******Requirements for a minor in sociology:***

Students must complete SOC 100 and an additional 16 credit hours in sociology courses.

***Geography******Geography Minor***

The Geography minor is designed to build understanding of the spatial dimensions of global social, environmental, economic, and political processes. Students in the geography minor will gain knowledge of world regions and build skills in Geographic Information Systems (GIS) mapmaking and spatial analysis, as well as in critical thinking and writing. The geography minor helps prepare students for many careers and professions and is particularly valuable for students interested in careers in sustainability, conservation, urban and transportation planning, landscape architecture, politics, and economic development, as well as for international work in government, business, and non-profit sectors.

***Degree Requirements*****Core Courses**

GEO 102	World Regional Geography	4	
	And one of the following courses:		
GEO 235	GIS Mapmaking for the Social Sciences	4	
ENS 235	Geographic Information Systems	4	

**Subtotal: 8****Elective Requirement**

Choose three courses from the following list. At least two of the courses must be GEO designated courses.

BIO 132	Biogeography and Biomes	3	
BIO 205	Tropical Biology and Conservation	4	
ECO 315	International Economic Development	4	
ENS 112	Environmental Science	3	
ENS 135	Biodiversity Conservation	3	
ENS 137	Sustainability in Cities	3	
ENS 150	Physical Geology	3	
ENS 242	Environmental Science and Policy	4	
GEO 205	Principles of Resource Utilization	4	
GEO 207	Economic Geography	4	
GEO 240	Cultural Geography	4	
GEO 250	Urban Geography: Cities in Global Context	4	
PSC 202	International Political Economy	4	
PSC 285	Environmental Politics	4	
PSC 326	Political Campaigns and Electoral Politics	4	
PSC 405	Congress and Legislative Politics	4	
PSC 455	NGOs and Global Civil Society	4	

**Subtotal: 11-12**

Subtotal: 19-20

**Total Credit Hours: 19-20*****Law, Justice and Advocacy******Law, Justice and Advocacy Minor***

The law, justice and advocacy minor is an interdisciplinary program designed to improve critical thinking, communication, writing and advocacy skills. These skills are beneficial to most careers and

professions, but particularly valuable for students interested in attending law school or entering other law-related careers. Recent graduates have attended nationally renowned law schools across the nation.

To earn a minor in law, justice and advocacy (20 credits), students should complete the following course of study.

### *Degree Requirements*

#### **Advocacy Requirement**

Choose one of the following:

LJA 315	Appellate Advocacy	4
LJA 316	Trial Advocacy	4
		<b>Subtotal: 4</b>

#### **Core Courses**

LJA 204	Introduction to Law, Justice, and Advocacy	4
And two of the following courses:		
HIS 335	U.S. Constitutional History	4
LJA 211	Legal Research and Writing	4
PHL 202	Ethics	4
		<b>Subtotal: 12</b>

#### **Elective Requirement**

Choose 4 credits from the following list of courses (or one of the advocacy courses not taken to fulfill that requirement):

BUS 221	Business Law and Social Responsibility	4
COM 327	Communication and Law	4
CRM 311	Criminal Law and Procedure	4
HIS 229	History of Sexuality	4
HIS 275	The Civil Rights Movement	4
LJA 450	Independent Study	1
PHL 201	Logic	4
PHL 311	Philosophy of Law	4
PSC 375	Constitutional Law I: Institutional Powers	4
SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 315	Freedom of Speech and First Amendment Studies	4
SPE 425	Persuasion, Argumentation, and Conflict Resolution	4
SPM 397	Legal Issues and Risk Management in Sport	3
		<b>Subtotal: 4</b>

Subtotal: 20

**Total Credit Hours: 20**

### *Pre-Law*

In accordance with the guidelines recommended by the American Bar Association (ABA) ([www.lsac.org](http://www.lsac.org)), the University has not established a specialized "pre-law" major, but rather, encourages prospective law students to undertake a rigorous course of study. The ABA identifies the following abilities as useful:

- Analytical/problem-solving
- Critical reading abilities

- Oral communication and listening abilities
- Research skills
- Organization and management skills
- Values of serving others and promoting justice

Jackie Mikulski is the designated pre-law advisor, and she is familiar with law school admissions requirements, application procedures and curricula.

The University sponsors pre-law forums with attorneys as guest speakers, internships in law and judicial offices, campus visits by law school representatives and students' visits to law schools to assist undergraduates in planning. There are also two active, law-related student organizations on campus: the Pre-Law Club and the Phi Alpha Delta law fraternity.

To earn a minor in Law, Justice and Advocacy, students should complete 20 credits in the LJA course of study.

### *Secondary Social Science Education*

Students who are pursuing secondary social science education degrees should consult the Department of Education section of this chapter for a complete listing of course requirements, as well as the sequence in which to take these courses.

## **Department of Mathematics**

**Faculty:** Professor Khanal, Chair; Professor Jones; Associate Professors Angeleska, Fowler, Garman, Paneru, Sumner; Assistant Professor Rimal; Assistant Teaching Professors Ahmed, Dawn, Hauser, Johnson, McAnally, Pfeffer; Lecturers II Bahadi, Beaudoin, Branham; Lecturers I Cheng, Diepholz, Ivanov.

The mission of the mathematics department is two-fold: 1) to provide service and core courses for the University, and 2) to provide courses for mathematics, mathematics with computer science, actuarial science, and data science majors.

The mission of the program of studies leading to the major in mathematics is to provide the student with a balanced account of both the pure and applied aspects of modern mathematics. For majors in mathematics with computer science, the department offers courses that place emphasis on the development of mathematics through different branches in linear algebra, modern abstract algebra, and analysis. In addition, the applied aspect is covered in differential equations, statistics, and discrete mathematics. The intent of the actuarial science program is to prepare students for careers as actuaries, who assess risk and operate in a variety of insurance, financial and consulting environments. An actuarial science graduate at UT is required to take classes in statistics, mathematics, actuarial science, economics, and programming. Mathematics with computer science is an interdisciplinary program intended for students who are interested in pursuing careers in computer science related fields where a strong mathematical

background is needed. After completing the BS in Mathematics with Computer Science program, students will be prepared for graduate school in computer science, data science, or computational mathematics. A Mathematics with Computer Science major at UT is required to take math courses that are fundamental to computing and information processing, such as Discrete Mathematics, Linear Algebra, and Statistics, and core computer science courses such as Data Structures and Algorithms, Software Design, and Operating Systems and Systems Programming. The data science program combines a curriculum of mathematics, statistics and computer science to provide students with a solid foundation in areas such as mathematical modeling, predictive analytics, and in programming languages R and Python. The data science program will prepare students for a career in the field by teaching them how to manage “big data,” which are large, complex sets of data that traditional data processing software can’t handle. Data science majors will learn how to acquire, analyze and present big data in creative ways that will help businesses make more informed decisions.

Faculty offer independent study courses and the opportunity to study other aspects of mathematics and its applications.

The program prepares majors in mathematics or mathematics with computer science to pursue graduate studies or to enter in the workforce.

**Mathematics Major**

*Degree Requirements*

**Requirements for a major in mathematics:**

MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 285	Programming with Mathematical Applications	4
MAT 299	Introduction to Higher Mathematics	4
MAT 490	Senior Seminar	1
	or	
MAT 495	Internship in Mathematics	1-4

**Subtotal: 21**

**Choose six courses from the following:**

MAT 300	Differential Equations	4
MAT 301	Discrete Mathematics	4
MAT 308	Linear Algebra	4
MAT 310	Probability	4
MAT 401	Real Analysis	4
MAT 410	Complex Analysis	4
MAT 420	Modern Abstract Algebra	4
MAT 425	Mathematical Statistics	4
MAT 499	Selected Topics	1-4

**Subtotal: 24**

Subtotal: 45

**Total Credit Hours: 45**

MAT 401 and MAT 420 are recommended for students planning to study pure or applied mathematics in graduate school. Students planning to

study statistics or any math-related areas in graduate school should consult their advisor.

**Mathematics Minor**

**Requirements:**

Students must complete 20 credit hours in mathematics courses numbered 260 or higher.

**Actuarial Science Major**

*Degree Requirements*

**Requirements for a major in actuarial science**

CSC 101	The Science of Computing I	4
ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 272	Applied Statistics	4
MAT 299	Introduction to Higher Mathematics	4
MAT 308	Linear Algebra	4
MAT 310	Probability	4
MAT 311	Financial Mathematics	4
MAT 402	Applied Regression Analysis	4
MAT 414	Actuarial Mathematics P	2
MAT 415	Actuarial Mathematics FM	2
MAT 425	Mathematical Statistics	4
MAT 490	Senior Seminar	1
	or	
MAT 495	Internship in Mathematics	1-4

**Subtotal: 57**

Courses in finance are beneficial to actuarial science majors for advancing in their career and passing the required actuarial exams.

Actuarial science majors are encouraged to pass the CAS/SOA Exam P (probability) and FM (financial mathematics), and obtain an internship while still an undergraduate.

Subtotal: 57

**Total Credit Hours: 57**

*Mathematics with Computer Science*

**Mathematics with Computer Science Major**

*Degree Requirements*

**Requirements for a major in Mathematics with Computer Science:**

CSC 101	The Science of Computing I	4
CSC 102	The Science of Computing II	4
CSC 201	Data Structures and Algorithm Analysis	4
CSC 220	Operating Systems and Systems Programming	4
	or	
CSC 230	Software Design and Engineering	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4

MAT 262	Calculus III	4
MAT 272	Applied Statistics	4
MAT 299	Introduction to Higher Mathematics	4
MAT 301	Discrete Mathematics	4
MAT 308	Linear Algebra	4
MAT 490	Senior Seminar	1
	or	
MAT 495	Internship in Mathematics	1-4

**Subtotal: 45****Electives from Mathematics Department (4 credit hours)**

At least one course from the following mathematics courses.

MAT 300	Differential Equations	4
MAT 310	Probability	4
MAT 402	Applied Regression Analysis	4
MAT 425	Mathematical Statistics	4

**Subtotal: 4****Electives from Computer Science Department (8 credit hours)**

At least two courses from the following computer science courses.

CSC 301	Advanced Data Structures and Algorithms	4
CSC 330	Introduction to Computer Network Security	4
CSC 340	Database Management Systems	4
CSC 410	Artificial Intelligence and Machine Learning	4
CSC 420	Programming Languages and Compilers	4

**Subtotal: 8**

Subtotal: 57

**Total Credit Hours: 57**

Students who major in mathematics with computer science may use appropriate mathematics and computer science courses required in the major to satisfy the requirements of the general curriculum distribution.

*Mathematics with Computer Science Minor**Degree Requirements***Requirements for a minor in mathematics with computer science:**

CSC 101	The Science of Computing I	4
CSC 102	The Science of Computing II	4
CSC 201	Data Structures and Algorithm Analysis	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 270	Discrete Mathematics for Computer Science	4
	or	

MAT 272	Applied Statistics	4
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**Subtotal: 28****Total Credit Hours: 28***Mathematics Education*

Students pursuing education degrees must consult the Department of Education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses. Pending state legislation may affect certification requirements for education majors. For up-to-date information, contact the UT Department of Education office.

*Data Science Major**Degree Requirements***Requirements for a major in data science:**

CSC 101	The Science of Computing I	4
CSC 102	The Science of Computing II	4
CSC 201	Data Structures and Algorithm Analysis	4
DSC 101	Introduction to Data Science	4
DSC 201	Applied Data Science	4
DSC 401	Data Science Capstone	4
MAT 260	Calculus I	4
MAT 261	Calculus II	4
MAT 262	Calculus III	4
MAT 271	Computational Linear Algebra	4
MAT 272	Applied Statistics	4
MAT 310	Probability	4

**Subtotal: 48****Choose one of the following**

CSC 340	Database Management Systems	4
CSC 410	Artificial Intelligence and Machine Learning	4

**Subtotal: 4****Choose one of the following**

MAT 402	Applied Regression Analysis	4
MAT 425	Mathematical Statistics	4

**Subtotal: 4****Total Credit Hours: 56****Department of Political Science and International Studies**

**Faculty:** Professor Fridy, Chair; Professor Anderson; Associate Professors Coleman, LaRose, Myers, Rey, VanderMolen; Assistant Professors Lewallen, Welch; Assistant Teaching Professor Marochi.

*Political Science**Political Science Major*

Through a set of core courses and additional elective courses, students will develop political awareness and an understanding of the critical thinking and research

skills that allow them to participate effectively as citizens in a rapidly globalizing world.

Each student will take the required five core courses and then select an additional 24 hours (6 courses) of elective political science courses; one course must be at the 400 level.

### *Degree Requirements for a Major in Political Science*

#### **Core requirements**

PSC 100	Introduction to Government and World Affairs	4
PSC 101	Introduction to American Government	4
PSC 102	Introduction to International Relations	4
PSC 269	Research Methods for Political Science	4
PSC 270	Political Analysis	4

**Subtotal: 20**

#### **Electives**

**Subtotal: 24**

#### **Research-intensive requirement**

One 400 level course (part of the 24 elective hours)

**Total Credit Hours: 44**

### *Political Science Minor*

#### *Degree Requirements*

#### **Requirements for a minor in political science**

PSC 100	Introduction to Government and World Affairs	4
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16 additional credit hours in political science courses

**Total Credit Hours: 20**

### *International Studies*

#### *International Studies Major*

Modern science has joined with humans' quest for expanded frontiers to shrink the globe, creating a new world of exciting opportunities and challenges. The national leaders and ordinary citizens of tomorrow must have the capacity to function in this newly globalized world if they are to reach their individual potentials. This major provides training in both breadth across the disciplines of the liberal arts and sciences, and/or depth in one particular functional or geographical area. It also involves the acquisition of language skills and international study experience.

#### *Degree Requirements*

#### **Requirements for a major in international studies**

ECO 204	Principles of Microeconomics	4
ECO 205	Principles of Macroeconomics	4
HIS 103	World History from 1500 to the Present	4
IST 470	Senior Research Seminar in International Studies	4
PSC 102	Introduction to International Relations	4

**Subtotal: 20**

#### **Research Methods Requirement**

PSC 269	Research Methods for Political Science	4
PSC 270	Political Analysis	4

**Subtotal: 8**

#### **Cultural Awareness Requirement**

COM 401	Intercultural Communication	4
LIT 312	Contemporary World Literature	4
REL 205	World Religions	4

**Subtotal: 4**

#### **Additional Requirements**

In addition to the IST core, each major should select an additional 16 credit hours from the list of courses below.

**Subtotal: 16**

#### **Africa Courses**

HIS 128	History of the Islamic World	4
HIS 220	Introduction to African History	4
HIS 332	Imperialism and Nationalism in Asia and Africa	4
LIT 229	Contemporary African Literature	4
LIT 233	Trauma Narratives: Africa	4
LIT 324	Post-Colonial Literature and Theory	4
PSC 282	Development Strategies and Projects in Africa: A Travel Course to Ghana	2-4
PSC 343	Politics of Development	4
PSC 345	Politics of the Middle East and North Africa	4
PSC 444	The Political Economy of Africa	4

#### **Indo-Pacific Regional Courses**

HIS 217	China's Centuries of War and Revolution: since 1800	4
HIS 221	Japan's Modern Centuries	4
HIS 227	China and the World to 1800	4
HIS 228	Traditional Japan	4
HIS 332	Imperialism and Nationalism in Asia and Africa	4
PHL 235	Philosophy of Martial Arts	4
PHL 236	Yoga and Philosophy	4
PHL 237	Indian and Asian Philosophy	4
PHL 320	Chinese Philosophy	4
PHL 321	Daoist Philosophy and Religion	4
PHL 330	Asian Philosophy Special Topics	4
PSC 341	International Relations of East Asia	4
PSC 365	Politics of East Asia	4
PSC 412	Comparative Judicial Politics	4
PSC 272	Contemporary Japan	4
REL 288	Chinese Yoga and Meditation	4

#### **Latin America Regional Courses**

HIS 206	Slavery and Racism in the Early Americas: A Comparative Perspective	4
HIS 236	Latin America	4
HIS 322	Spanish Caribbean and its Diasporas	4
PSC 206	Contemporary Latin America	4
PSC 342	The Political Economy of Latin America	4

SPT 265	Revolutionary Cuba: The Politics of Culture and the Culture of Politics (Honors)	4
PSC 353	Cuba and the U.S.: Then and Now	4
SPA 422	Latin American Civilization and Culture	4
SPA 435	Latin American Literature	4
SPA 436	The Latin American Novel	4
SPT 251	Latin American Literature in English Translation	4
<b>Political Economy Courses</b>		
ECO 310	Environmental Economics and Management	4
ECO 315	International Economic Development	4
ECO 321	Intermediate Macroeconomic Analysis	4
ECO 430	International Economics and Finance	4
ECO 432	Economics of Emerging Markets	4
ECO 442	Monetary Economics	4
PSC 202	International Political Economy	4
PSC 225	International Human Rights	4
PSC 280	Introduction to Peace Studies	4
PSC 282	Development Strategies and Projects in Africa: A Travel Course to Ghana	2-4
PSC 305	Nuclear Proliferation and Nonproliferation	4
PSC 340	The European Union	4
PSC 341	International Relations of East Asia	4
PSC 342	The Political Economy of Latin America	4
PSC 343	Politics of Development	4
PSC 345	Politics of the Middle East and North Africa	4
PSC 365	Politics of East Asia	4
PSC 410	International Law	4
PSC 444	The Political Economy of Africa	4
PSC 446	International Organization	4
PSC 455	NGOs and Global Civil Society	4

**Total Credit Hours: 48***Foreign Language*

Students must demonstrate proof of competency in a foreign (second) language as evidenced by 1) taking the CLEP exam in their freshman year through the Foreign Language Department, 2) passing a proficiency exam offered through the International Programs Office, or 3) completing the intermediate II course (i.e., 202 course) in the language with a grade of "C" or better at The University of Tampa or as a transferred credit.

*Education Abroad Experience*

This requirement of at least 3 credits may be met through a traditional course, service-learning course, an experiential-learning course, a practicum or an internship, as long as it is taken abroad. The selected course may be in addition to the above-listed credits, or may be an international studies major core course or elective course that is offered abroad. Students who are

unable to undertake an education abroad experience must complete a comparative international experience with the approval of the international studies major adviser.

For complete information about UT's education abroad programming, including deadlines, transfer policies and application requirements for UT Travel Courses, Summer/Semester/Year abroad programs, international internships and community service learning abroad, please see Office of International Programs .

*International Studies Minor*

The international studies minor encompasses international coursework and experiences across a breadth of disciplines.

*Degree Requirements*

**Students are required to take the following courses:**

PSC 102	Introduction to International Relations	4
PSC 202	International Political Economy	4

**Subtotal: 8****Additional Requirements**

And 16 credit hours from the approved list of courses for International Studies majors (from the core or concentrations), with at least eight credit hours in disciplines other than PSC.

Subtotal: 8

**Total Credit Hours: 24***Asian Studies**Asian Studies Minor*

The minor in Asian studies focuses on the history, culture and politics of East Asia, Southeast Asia and the Indian Subcontinent. It provides students with an understanding of the interdisciplinary field of Asian studies . See the Department of Philosophy and Religion section of this catalog for program details.

*Latin American Studies**Latin American Studies*

Faculty: Professor López (Languages and Linguistics), Co-Coordinator; Associate Professor Rey (Political Science and International Studies), Co-Coordinator.

*Latin American Studies Minor*

The Latin American studies minor is designed to internationalize a number of existing majors by introducing students to the history, culture, politics and economics of Latin America and the Caribbean from an interdisciplinary perspective. Students who pursue the Latin American studies minor must complete 24 credit hours of courses chosen from a list of approved electives. The Latin American studies minor will help students prepare for careers in government, business, academia and NGOs, as well as for graduate school in multiple disciplines.

### **Requirements for a minor in Latin American Studies:**

24 credit hours, distributed as follows from lists (A) through (C)

#### **Degree Requirements**

##### **A. Latin American history, politics and society requirement (8–16 credit hours)**

HIS 236	Latin America	4
HIS 322	Spanish Caribbean and its Diasporas	4
PSC 206	Contemporary Latin America	4
PSC 342	The Political Economy of Latin America	4
SPA 422	Latin American Civilization and Culture	4

##### **B. Language requirement (8 or more credit hours):**

Students are required to complete eight (8) credit hours of the LAS Minor as Spanish language (SPA) credits. This can be achieved by taking any two courses listed in this section, or in the case of students with more advanced Spanish skills or native speakers, by taking any two SPA courses listed under Section A and/or Section C.

SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4
SPA 105	Elementary Spanish Review	4
SPA 201	Intermediate Spanish I	4
SPA 202	Intermediate Spanish II	4
SPA 300	Advanced Spanish I	4
SPA 301	Advanced Spanish II	4
SPA 307	The Structure of Modern Spanish	4

##### **C. Latin American studies electives (8–16 credit hours):**

ART 271	Pre-Columbian	4
HIS 205	Native American Histories: Colonialism and Resistance	4
HIS 206	Slavery and Racism in the Early Americas: A Comparative Perspective	4
HIS 212	Witchcraft and Magic in the Early Modern Atlantic World	4
HIS 323	Age of Revolutions in the Americas	4
SPA 320	Hispanic Cinema	4
SPA 435	Latin American Literature	4
SPA 436	The Latin American Novel	4
SPA 441	Hispanic Women Writers	4
SPT 251	Latin American Literature in English Translation	4

**The following Honors and/or travel courses are offered in rotation and may count toward the electives portion of the minor.**

For complete information about UT's education abroad programming, including deadlines, transfer policies and application requirements for UT Travel Courses, Summer/Semester/Year abroad programs, international internships and community service learning abroad, please see Office of International Programs.

HIS 219	Mistaken Identities: Myths and Realities of the New World Encounter	4
PSC 353	Cuba and the U.S.: Then and Now	4
SPT 251	Latin American Literature in English Translation	4
SPT 265	Revolutionary Cuba: The Politics of Culture and the Culture of Politics (Honors)	4

**Total Credit Hours: 24**

### **Department of Psychology**

**Faculty:** Associate Professor Cummings, Chair; Professors S. Blessing, Koterba; Associate Professors Elzy, Gangi, Hardin, Husband, Odgaard, Patrick, Stasio, Yuen; Assistant Professors J. Blessing, Festini, Marsh, Urban; Assistant Teaching Professors Houghton, Jordan.

The mission of the Department of Psychology is to offer students a high-quality, state-of-the-field educational experience in psychology as a behavioral, cognitive, social science and applied discipline. Those majoring in psychology receive curricular and extracurricular experiences that meet or exceed all educational standards for undergraduates set by the American Psychological Association.

The values inherent in our teaching, advising and programming include the following:

- Excellence in the classroom and extracurriculum.
- Professional and personable faculty-student relations.
- Reliance on the rational and empirical methods of science in human enquiry.
- Critical thinking and judicious consumption of information and opinions.
- Active faculty involvement in scholarship and professional activities.
- Experiential and service learning as adjuncts to classroom instruction.
- Human diversity and cultural awareness.
- Liberal arts-based, multidisciplinary understanding of human problems and prospects, including attendant ethical considerations.

The Department of Psychology offers both a Bachelor of Arts and a Bachelor of Science in psychology. The B.A. degree is intended for those students who will seek employment at the baccalaureate level or enrollment in a wide variety of Master's or Doctoral programs. These programs may be research oriented (e.g., social, developmental, industrial/organizational, and some areas of clinical psychology) or more applied in nature (e.g., counseling, social work, organizational behavior, business administration, school psychology, guidance counseling, law). The B.S. degree is intended for those students interested in areas of psychology that are more oriented towards biology, neuroscience,



neuropsychology, or medical-related fields and other graduate programs related to psychology that also require a strong natural science and mathematics background (e.g., cognitive science, cognitive psychology, biopsychology, neuroscience, genetic counseling, psychiatry, and some areas of clinical psychology). The student may not earn both a B.S. and a B.A. in psychology.

All B.A. and B.S. psychology majors take a 17 credit-hour foundation of psychology courses, 20 credits of required courses from the various emphasis areas, and an additional 8 hours of psychology courses. The B.A. requires a minimum of 45 credits in psychology classes plus MAT 160 (4 credits), and the B.S. requires a minimum of 45 credits in psychology classes, plus the natural science and mathematics courses (24 credits) listed below.

### Psychology Major

#### Foundation for the B.A. and B.S. Degrees

PSY 101, PSY 211, and one other 200-level course must be successfully completed before enrolling in any 300-level (or higher) psychology course. In addition, PSY 312 is a pre- or co-requisite for most 400-level psychology courses. See the course description for the requirements of each course.

Students must complete 20 credits in psychology courses numbered 300 or higher (PSY 312 counts in this total), including one, 4 credit 400-level psychology course. Careers in Psychology (PSY 399), Directed Internship in Psychology (PSY 409), Independent Studies (PSY 450), and the Senior Thesis (PSY 451) do not satisfy the 300- or 400-level requirement.

#### Degree Requirements

##### Required Foundation Courses

PSY 101	General Psychology	4
PSY 211	Statistics and Experimental Methods I	4
PSY 220	Fundamentals of Biopsychology and Learning	4
PSY 312	Statistics and Experimental Methods II	4
PSY 399	Careers in Psychology	1

**Subtotal: 17**

Subtotal: 17

#### Additional Degree Requirements

1. Complete the requirements for either the B.A. or B.S. listed under each emphasis (20 credits).
2. Select an additional 8 hours of psychology courses. A maximum of 4 credit hours of Directed Internship in Psychology (PSY 409) can count toward these 8 hours. Independent studies (PSY 450) and the senior thesis (PSY 451) do not satisfy this requirement.

#### Degree Requirements

##### A. Cognitive Emphasis in Psychology

For a B.A. and B.S., select one.

PSY 225	The Cognition of Game Playing	4
PSY 299	Selected Topics in Psychology	2-4
PSY 318	Sensation and Perception	4
PSY 324	Cognitive Psychology	4
PSY 326	Memory and Executive Functioning	4
PSY 330	Selected Topics in Psychology	4
PSY 411	Bilingualism, Biculturalism, and Cognition	4
PSY 425	Thinking	4
PSY 430	Selected Topics in Psychology: Seminar	4

##### B. Social Emphasis in Psychology

For a B.A. and B.S., select one.

PSY 203	Social Psychology	4
PSY 250	Health Psychology	4
PSY 299	Selected Topics in Psychology	2-4
PSY 304	The Psychology of Prejudice	4
PSY 319	Psychology of Personal Relationships	4
PSY 330	Selected Topics in Psychology	4
PSY 404	Human Sexual Behavior: Seminar	4
PSY 430	Selected Topics in Psychology: Seminar	4

##### C. Clinical Emphasis in Psychology

For a B.A. and B.S., select one or none (if none, select one from the Organizational Emphasis).

PSY 201	Psychological Assessment	4
PSY 231	Inquiry into Clinical and Counseling Psychology	4
PSY 299	Selected Topics in Psychology	2-4
PSY 303	Abnormal Psychology	4
PSY 330	Selected Topics in Psychology	4
PSY 340	Behavior Modification	4
PSY 415	Contemporary Clinical Interventions	4
PSY 430	Selected Topics in Psychology: Seminar	4

##### D. Organizational Emphasis in Psychology

For a B.A., and B.S., select one or none (if none, select one from the Clinical Emphasis).

PSY 202	Industrial Psychology	4
PSY 299	Selected Topics in Psychology	2-4
PSY 305	Applied Psychology: Consumer Psychology	4
PSY 330	Selected Topics in Psychology	4
PSY 410	Sexual Harassment: Seminar	4
PSY 430	Selected Topics in Psychology: Seminar	4

##### E. Biopsychology Emphasis in Psychology

For a B.A., and B.S., select one.

PSY 219	Biopsychology of Rehabilitation	4
PSY 299	Selected Topics in Psychology	2-4
PSY 311	Evolutionary Psychology	4
PSY 316	Psychopharmacology	4
PSY 330	Selected Topics in Psychology	4
PSY 420	Behavioral Neuroscience	4

PSY 430	Selected Topics in Psychology: Seminar	4
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### F. Developmental Emphasis in Psychology

For a B.A., and B.S., select one.

PSY 210	Psychology of Child Development	4
PSY 299	Selected Topics in Psychology	2-4
PSY 310	Emerging Adulthood	4
PSY 317	Psychology of Adult Development and Aging	4
PSY 330	Selected Topics in Psychology	4
PSY 408	Internship in Developmental Psychology	4
PSY 414	Understanding Childhood Disorders	4
PSY 430	Selected Topics in Psychology: Seminar	4

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**Subtotal: 28**

Subtotal: 28

**Total Credit Hours: 45**

### *Mathematics Requirement for B.A. in Psychology*

One of the following is, in addition to the psychology courses, required for the B.A. and can be used to satisfy appropriate requirements in the General Curriculum Distribution or in other majors/minors. Grades in these courses count toward the GPA in the psychology major.

Successful completion of MAT 160, MAT 170, MAT 260 or MAT 261.

### *Natural Sciences and Mathematics Requirements for B.S. in Psychology*

The following courses are, in addition to the psychology courses, required for the B.S. and can be used to satisfy appropriate requirements in the General Curriculum Distribution or in other majors/minors. Grades in these courses count toward the GPA in the psychology major.

1. Successful completion of the biology lower-core curriculum: BIO 198, BIO 198L, BIO 199, BIO 199L, CHE 152, CHE 153L, CHE 154, CHE 155L and MAT 170 or MAT 260.
2. Successful completion of one additional course from biology or genetics (including laboratory portion): BIO 200, BIO 201, BIO 212, BIO 225, BIO 250, BIO 310, BIO 330, BIO 350; may take BIO 380 if PSY 311 has not been taken.

# Graduate and Continuing Studies

The Office of Graduate and Continuing Studies provides oversight and coordination of the University's graduate and continuing studies programs, summer programs and a variety of other related programs and offerings. The office consists of two departments. The department of Academic Programs and Adult Student Services provides academic support and oversight for the office's student populations, including academic advising for continuing studies students and administrative advising for graduate students, except business. The department of Graduate Admissions assists prospective and new graduate students as they inquire about and prepare to enter The University of Tampa.

The Office of Graduate and Continuing Studies is located on the 6th floor of the Graduate and Health Studies Building, 350 UT Archway Lane. The main phone number is (813) 253-6249 and the mailing address is:

Department of Academic Programs and Adult Student Services:

The University of Tampa  
401 W. Kennedy Blvd., Box 6F  
Tampa, FL 33606-1490

Department of Admissions:  
The University of Tampa  
401 W. Kennedy Blvd., Box F  
Tampa, FL 33606-1490

## Graduate Study

Graduate programs offered at The University of Tampa include the following:

- Executive Master of Business Administration (EMBA), Sykes College of Business
  - Executive Doctor of Business Administration (EDBA), Sykes College of Business
  - Professional MBA (PMBA), Sykes College of Business
  - Master of Business Administration (MBA), Sykes College of Business
  - Master of Science in Accounting (MS-ACC), Sykes College of Business
  - Master of Science in Athletic Training (MSAT), College of Natural and Health Sciences
  - Master of Science in Business Analytics (MS-BA), Sykes College of Business
  - Master of Science in Criminology and Criminal Justice (MS-CRCJ), College of Social Science, Mathematics and Education
  - Master of Science in Cybersecurity (MS-CYB), Sykes College of Business
  - Master of Science in Entrepreneurship (MS-ENT), Sykes College of Business
  - Master of Science in Finance (MS-FIN), Sykes College of Business
  - Master of Science in Information and Technology Management (MS-ITM), Sykes College of Business
  - Master of Science in Marketing (MS-MKT), Sykes College of Business
  - Master of Education in Curriculum and Instruction (M.Ed.), College of Social Sciences, Mathematics and Education
  - Master of Education in Educational Leadership (M.Ed.), College of Social Sciences, Mathematics and Education
  - Master of Science in Instructional Design and Technology (MS-IDT), College of Social Sciences, Mathematics and Education
  - Master of Science in Nursing (MSN), College of Natural and Health Sciences
  - Master of Science in Exercise and Nutrition Science (MS-ENS), College of Natural and Health Sciences
  - Master of Arts in Professional Communication (MA-PC), College of Arts and Letters
  - Master of Arts in Social and Emerging Media (MA-SEM), College of Arts and Letters
  - Master of Physician Assistant Medicine (MPAM), College of Natural and Health Sciences
  - Doctor of Nursing Practice (DNP), College of Natural and Health Sciences
- The following certificate programs are also offered to qualified individuals:
- Graduate Certificate in Nonprofit Management, Sykes College of Business
  - Post Baccalaureate Certificate in Accounting, Sykes College of Business
  - Post Baccalaureate Certificate in Business, Sykes College of Business
  - Graduate Certificate in Cybersecurity, Sykes College of Business
  - Graduate Certificate in Adult/Gerontology Primary Care Nurse Practitioner, College of Natural and Health Sciences
  - Graduate Certificate in Family Nurse Practitioner, College of Natural and Health Sciences
  - Graduate Certificate in Sports Nutrition, College of Natural and Health Sciences

- Graduate Certificate in Online Development , College of Social Sciences, Mathematics and Education
- Graduate Certificate in Accounting Analytics , Sykes College of Business
- Graduate Certificate in Taxation , Sykes College of Business
- Graduate Certificate in Assurance Services , Sykes College of Business
- Graduate Certificate in Entrepreneurship , Sykes College of Business
- Graduate Certificate in Business Analytics , Sykes College of Business
- Graduate Certificate in Predictive Analytics , Sykes College of Business
- Graduate Certificate in Effective Project Management , Sykes College of Business

### *Graduate and Professional Certificates*

A graduate certificate indicates completion of a specific set of credit courses designed to provide participants an opportunity to develop or improve specific job-related knowledge and skills. Credits earned in a graduate certificate can be applied to an appropriate graduate degree program. Graduate certificates are issued by the unit offering the courses rather than the Office of the Registrar. Graduate certificates are noted on the student's academic transcript.

A professional development certificate indicates completion of a specific set of non-credit courses designed to provide participants an opportunity to develop or improve specific job-related knowledge and skills. Professional development certificates are issued by the unit offering the courses rather than the Office of the Registrar. Professional development certificates are not noted on the student's academic transcript. Participation in professional development courses may or may not be noted as CEU (continuing education units) on the student's CEU transcript. Participation in professional development certificates may or may not require admission to the University.

### *Admission*

#### *Classifications*

There are three classifications for admission for graduate study at UT:

1. Full Degree Seeking
  2. Non-Degree Seeking
  3. Graduate and Professional Certification
- Each college of the University has established unique admission requirements for graduate study. Contact the Office of Graduate and Continuing Studies for further information or see below for the respective college offering your graduate program of choice.

## **Policies and Procedures**

### *Student Responsibility*

Each student is responsible for the proper completion of his or her academic program, for familiarity with this catalog, for maintaining the GPA required and for meeting all other degree requirements. The student's assigned advisor will counsel, but the final responsibility remains that of the student. The academic procedures are outlined to enable graduate students to gain the greatest benefit from a planned course of study and to ensure that all graduation requirements are satisfied in the planned sequence. Graduate students should also refer to the Academic Calendar section in this catalog and the Academic Policies and Procedures section for other University-wide policies and information. Each student is responsible for maintaining communication with the University and keeping on file with the Registrar's Office at all times a current address, including postal code, phone number and email address.

### *Final Examinations*

Examinations for graduate-level courses have priority over examinations for undergraduate-level courses.

Within the level of the courses, undergraduate or graduate, examinations for numerically higher numbered courses have priority over lower numbered courses. Example: A course numbered 670 has priority over a course numbered 500, and a course numbered 410 has priority over a course numbered 244.

### *Student Classification*

Courses at the level of 600 and above are intended primarily for students admitted to a graduate program.

### *Education Abroad Transfer Credit Policy*

Graduate students must earn a "B" or better.

### *Minimum Passing Grades*

Unless otherwise designated by a specific graduate program, "C" is the minimum passing grade in a graduate course at the University of Tampa, as well as the minimum acceptable grade for a graduate prerequisite course.

### *Residency*

For the master's degree, a minimum of 75 percent of the required credit hours must be earned at The University of Tampa. Exemptions must be addressed in writing to the Graduate Council, c/o the Office of Graduate and Continuing Studies.

### *Withdrawal from University and Readmission*

Students withdrawing from the University should follow prescribed procedures as described in the

Academic Policies and Procedures section of this catalog under Withdrawal from University. Students who intend to return to the University after a period of absence should consult the Financial Aid section of this catalog under Renewal of Awards.

### *Graduate Retention Standards*

Graduate students must maintain an overall 3.0 GPA in their required courses. A cumulative 3.0 GPA is required to graduate. Students whose overall GPA falls below a 3.0 are placed on academic probation and will have an 8-credit probationary period in which to raise their grades to a 3.0 GPA. Students failing to do so will be dismissed. See the respective degree programs for additional graduate retention standards specific to the program.

Graduate-level courses do not affect the grade point average for the bachelor's degree. Likewise, undergraduate-level courses do not affect the grade point average calculated for the graduate degree program.

### *Application to Graduate*

Students should apply to graduate with their advisor upon completion of 21 credit hours of acceptable work or in the semester in which they intend to complete degree requirements and have a graduate degree conferred. Students will need to complete and sign the degree audit form with the director or advisor of the respective program. There are links to the three steps required to complete the application process:

1. Apply to Graduate in Workday  
<https://servicedesk.ut.edu/solutions/926179-how-to-apply-to-graduate-in-workday>
2. Enter Diploma Name in Workday  
<https://servicedesk.ut.edu/solutions/978395-students-how-to-enter-a-diploma-name-in-workday>
3. Create a Diploma Address  
<https://servicedesk.ut.edu/solutions/926244-how-do-i-create-a-diploma-address>

For students wishing to participate in the commencement ceremony, the deadlines for submitting this form to the Registrar's Office are the previous March 1 for December graduation, and the previous October 31 for May or August graduation. Special attention should be given to each degree program to ensure that all degree completion requirements are met.

If a student does not complete the Apply to Graduate form by the priority deadline indicated, her or his name may not appear in the commencement program and/or the student's degree conferral may be delayed.

### *Graduation Honors*

Students with an overall GPA of 4.0 in graduate-level coursework are recognized as graduating with highest honors. Students who graduate with an overall GPA of 3.9 through 3.99 in graduate-level coursework are recognized as graduating with honors.

### *Repeating Courses*

Upon approval of the director of the respective graduate program, a student may repeat (once) a maximum of two courses in which he or she received a grade below a "B." The original grade received will not be removed from the student's academic record and is tabulated in the student's GPA. Grade forgiveness does not apply for graduate studies.

### *Re-Enrollment after Dismissal*

Re-enrollment into a graduate program after dismissal is determined by the individual program. See individual program policy for details.

### *General Information About Graduate Admission*

The Admissions Committee of the University may, upon request, review the documents of any applicant and, based on individual circumstances, make exceptions to the requirements outlined for each academic program.

Falsification of information on an application for admission may result in dismissal or nonadmission. The University reserves the right to refuse admission to any applicant or readmission to any student, or to dismiss any student whose conduct is judged detrimental to the University program.

No portion of an applicant's academic record from another institution should be withheld; this may result in a permanent dismissal without credit for work completed at The University of Tampa.

Transfer credit is only allowed at the time of admissions and in accordance with particular program policy. Coursework completed more than seven years prior to admissions may not be applied toward a master's degree. Transient credit, correspondence credit and credit for extension courses is generally not accepted, unless specifically approved by the respective program director and college dean.

A student with a record of previous graduate work that does not meet the UT criteria for good academic standing may be conditionally admitted to a UT graduate program. This student's cumulative GPA for all graduate work will be maintained, but a separate GPA for coursework in the new program will determine the student's academic standing going forth.

A condition of any admission to the University is that students must certify that he or she will not unlawfully possess, use, sell, purchase, manufacture, deliver or possess with intent to sell, purchase, manufacture or deliver any controlled substance while enrolled at UT.

The University of Tampa takes student postings on social media sites seriously. Students who post illegal behavior or threatening comments on social media

sites may have their admission to the University rescinded or may be permanently dismissed from the University.

Graduate students taking at least 8 credit hours per semester are considered full time for federal student aid purposes.

Graduate students are considered full time at 3.25 credits per summer 1 or 2 session, or 6.5 hours for the summer 12-week session.

### *Graduate Admission Appeals*

An applicant whose application for admission has been denied should follow these procedures:

1. Contact the appropriate program director and request reconsideration and clarification of the decision.
2. If not satisfied, the applicant may submit his or her case to the Graduate Appeals Committee, which will render a decision on the case.
3. The decision of the committee may be appealed to the assistant vice president and executive director of Graduate and Continuing studies. The decision of the assistant vice president and executive director is final.

### *Graduate Academic Appeals Process*

It is understood that the student meets first with the instructor and the program director/department chair to resolve the academic issue at hand.

If the matter remains unresolved, the student must notify the program director in writing within five working days that an appeal is forthcoming. The written appeal must be submitted within ten working days of this notification, providing all supporting documents at that time.

The designated graduate appeals committee within the college must acknowledge receipt of the appeal and accompanying documents within five working days. Normally within ten working days of this acknowledgement the committee will notify the student in writing of its decision.

The student may appeal the committee decision, in writing, to the college dean within ten working days of notification. The appeal statement, however, must justify the need for a further level of review - by providing new evidence or evidence that the review process has somehow been violated. Should the appeal merit further consideration, the dean reviews the complete documentation from the student and the committee has the option to consult with members of the college committee, to meet with the student making the appeal, and to ask for additional documentation. The dean issues a decision, normally within ten working days.

Only if the student provides new evidence about the case, beyond the dean's level of review, or evidence that the review process has been violated, may the college dean's decision be appealed to the assistant vice president and executive director of Graduate and

Continuing Studies. This written appeal must be delivered within ten working days of the dean's decision. If this justification is not established, the assistant vice president and executive director of Graduate and Continuing Studies notifies the student (normally within ten working days) that the appeals process is complete. Should the appeal merit further consideration, the assistant vice president and executive director of Graduate and Continuing Studies has the option to review all documentation pertaining to the case, to consult with members of the college committee and with the college dean, to meet with the student making the appeal, and to ask for additional documentation. The assistant vice president and executive director of Graduate and Continuing Studies notifies the student of the decision normally within ten working days. The decision is final.

### *Time Limit*

A student is allowed seven years from the time graduate work has begun, whether at UT or elsewhere, in which to complete the degree. Under certain circumstances, the student, with approval from the respective program director, may revalidate, by examination, courses that are outdated by the time limit.

### *Tuition and Graduate Fees*

See the graduate program of choice for applicable tuition and fees.

### *Recommended Computing Standards for UT Students*

See the Campus Services section of this catalog. Some graduate courses require use of a laptop computer. If the student needs a laptop and does not have access, arrangements can be made to use a University-owned laptop. In this case, students should consult with their advisor to make arrangements.

## **Financial Aid**

Please refer to the Financial Aid section of this catalog for more information or contact the Financial Aid Office at (813) 253-6219.

## **Housing**

The University of Tampa is not able to offer graduate students on-campus housing due to limited availability. However, off-campus housing information can be obtained by contacting the Office of Residence Life at [reslife@ut.edu](mailto:reslife@ut.edu) or by visiting [www.ut.edu/residencelife/offcampus](http://www.ut.edu/residencelife/offcampus).

## **Graduate Assistantships**

Graduate assistantships are available each academic semester to incoming qualified full-time graduate students. Graduate assistantships support academic

teaching and research, and are awarded on a competitive basis contingent upon a student's academic record and are offered by invitation only.

A full-time graduate assistant (GA) is eligible to receive a tuition waiver for 8-12 graduate-level credits during the upcoming semester. The total amount of tuition support for a full-time GA whose assistantship is renewed is 36 credit hours. GA tuition support is available for fall and spring semesters only.

A full-time GA also receives a \$1,500 stipend per semester, administered through the Financial Aid Office. Graduate assistants are assigned to work 20 hours per week for an academic or administrative office. They must carry a full course load of at least 8 and no more than 14 credit hours per semester.

A full-time GA in the MS-ENS program is eligible to receive a tuition waiver for up to 24 credit hours during the 12-month period of the appointment. A full-time GA in the MS-ENS program receives a \$1,500 stipend for the fall semester and \$1,500 for the spring semester. A full-time MS-ENS GA is obligated to work for the MS-ENS program for an average of 15 hours a week during the fall and spring semesters, and an average of 10 hours per week during the summer I and II terms.

All graduate assistants must maintain a minimum 3.25 cumulative GPA. For additional information, contact the Office of Graduate and Continuing Studies at (813) 253-6249 or [grad@ut.edu](mailto:grad@ut.edu).

## Alumni Involvement

The purpose of The University of Tampa Alumni Association is to support, encourage and promote the interests, welfare, ideals and progress of The University of Tampa, as well as to cultivate and enhance good fellowship among UT alumni.

The University of Tampa Alumni Association provides diversified programming for more than 20,000 graduates. It is the intent of the Association to offer programs that promote the mission of the University, to provide opportunities for alumni to gather and become acquainted with one another and to share the legacy that bonds alumni to the heritage of The University of Tampa.

### *Alumni Association Membership*

After graduation, alumni are given a free lifetime membership in the Alumni Association. Card-carrying alumni receive a free subscription to the *UT Journal*, a 10 percent discount at the University bookstore, access to and use of the MacDonal-Kelce Library. Contact the Office of Alumni and Parent Relations at [alumni@ut.edu](mailto:alumni@ut.edu) to obtain a membership card.

Graduates can sign up for lifetime email forwarding, register for events and connect with friends and classmates through the online alumni directory. Alumni can also post photos, update their contact information and join local alumni groups. Visit [www.ut.edu/alumni/](http://www.ut.edu/alumni/).

## Graduate and Continuing Studies Degree Programs

### *Graduate Study in the College of Arts and Letters*

#### *Master of Arts in Professional Communication*

The Master of Arts in Professional Communication (MAPC) introduces students to professional communication principles needed for success in a variety of fields and industries. Through a blend of theory and practice the program is designed for anyone wishing to develop their communication skills and knowledge. Students will gain experience with masterful presentation techniques, theories of organizational communication, crisis communication, conflict management and the effective use and evaluation of visuals and media.

The program prepares students with training in oral, written and visual communication skills required of communication practitioners in a variety of 21st-century fields.

UT's goal in developing this program centers on creating an inspiring, competitive and succinct professional program in communication rooted in real-world examples, cases and applications. provides students with a diverse set of communication skills intended for large and small groups. Specific areas of study include persuasion, ethics, professional writing, intercultural studies, visual rhetoric, data presentation and synthesis, effective integration of digital communication tools, messaging strategy, negotiation and conflict management, and organizational communication and leadership.

### *Degree Requirements*

#### **Core Courses (20 credits, all required)**

MAPC 601	Leadership and Professional Communication	4
MAPC 602	Global Communication Design	4
MAPC 603	Organizational and Strategic Communication	4
MAPC 604	Conflict Resolution	4
MAPC 605	Data Analytics and Research Strategies	4

#### **Capstone Project or Thesis**

- Can be project or Publishable Scholarly Paper (See MAPC 700 docs)
- Requires application submitted to the MAPC Executive Committee
- MAPC Executive Committee and Director match faculty and students one-on-one

MAPC 700	Capstone in Professional Communication	4
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#### **Elective Courses (8 credits from the following)**

MAPC 610	Digital Communication Practice	4
MAPC 611	Emerging Technologies	4
MAPC 612	Ethics and Communication Law	4
MAPC 613	Popular Communication	4
MAPC 614	Issues in Communication	4
MAPC 615	Communication in Motion	4
MAPC 616	Communication in the Academy	4
MAPC 617	Creativity, Mindfulness, and Practice of Communication	4
MAPC 690	Independent Study in MAPC	1-4 Variable

**Total Credit Hours: 32***Master of Arts in Social and Emerging Media*

The Master of Arts in Social and Emerging Media (MASEM) program introduces students to state-of-the-art research methods, strategies, production and practices for social and emerging media.

Students will learn to plan, research, write, produce and distribute professional media for multiple platforms and to do so strategically. Specific areas of study include emerging media technologies, digital storytelling, visual design, audio-video production, user experience production, audience and user experience research, media strategy and analytics, project management and emerging media policy, law and regulation. The program blends technological expertise with the creative arts and promotes peer engagement and faculty mentoring.

Students will learn to approach media creatively and strategically, to understand and to respond effectively to media audiences and to engage users through compelling storytelling, arresting visual design and adept implementation of the latest interactive technologies. This program will prepare students for work in a variety of fields that value strong written and visual communication skills, professional training in audio and video production, an understanding of new and emerging media platforms, technical savvy, training in research and data analysis, collaboration and team work, critical thinking and creative problem-solving.

*General Admission Requirements*

To be considered for acceptance into the MA in Social and Emerging Media program, applicants must meet the following requirements:

- Completed application
- Official transcript confirming an overall GPA of 3.0 out of a possible 4.0 in an accredited bachelor's degree program (2.75 may be considered for conditional enrollment\*)
- Two professional reference forms completed by individuals who can attest to the applicant's background and potential
- Personal statement describing professional goals; how the degree aligns with educational and career objectives; and how the student can contribute to the program

\*Official transcript must be sent directly from the institution.

*Guaranteed Admission for UT Graduates*

Students and alumni who have earned a bachelor's or master's degree from UT with a minimum cumulative grade point average of 2.75 will be guaranteed admissions to the M.A. in Social and Emerging Media program provided other stated requirements are satisfied.

The admissions application fee, reference forms and TOEFL requirements are waived. All other admissions requirements apply.

The guaranteed admission opportunity recognizes the exceptional quality of UT's academic programs, and the University's mission to support continuing education and professional growth.

*MASEM Accelerated Program Requirements and Documents*

The MASEM accelerated program allows enrolled qualified undergraduate students to take one 4-credit course in the MASEM program during their senior year. Students admitted into the MASEM Accelerated Program may have one MASEM course applied to both the undergraduate and graduate degree. Before enrolling in the course to be counted as both undergraduate and graduate credit, the undergraduate student must be accepted into the MASEM Accelerated Program and receive approval from the department chair of the undergraduate program and the MASEM program director.

Three undergraduate programs—Advertising and Public Relations; Communication, Media, and Culture; and Journalism—allow their majors enrolled in the MASEM Accelerated Program to have their graduate course replace one elective requirement in the undergraduate program. Specific MASEM courses and the requirements they replace are listed under the degree requirements for each of these majors.

Students are encouraged to submit the MASEM Accelerated Program Admissions Application during the semester in which they expect to reach at least 90 hours toward their undergraduate degree.

Students receive their Master of Arts in Social and Emerging Media upon completion of their graduate requirements. To qualify for the accelerated option, students must meet the following requirements:

- Completed admissions application to UT's MA in Social and Emerging Media Accelerated Program;
- Completed at least 90 hours of undergraduate coursework and be enrolled in the senior year of undergraduate studies;
- Have an overall GPA of at least 3.25 out of 4.0 at time of application or a minimum of 3.25 in the last 60 credit hours of undergraduate study.



### Degree Requirements

“C” is the minimum passing grade in a graduate course at the University of Tampa, as well as the minimum acceptable grade for a graduate prerequisite course. Graduate students must have a minimum 3.0 GPA in both their required courses and a cumulative 3.0 GPA to graduate.

#### Core Courses

Students must take all of the following courses:

MAPC 611	Emerging Technologies	4
SEM 601	Digital Storytelling	4
SEM 602	Visual Design for Emerging Media	4
SEM 603	Audio and Video Production for Emerging Media	4
SEM 604	Social and Emerging Media Strategy and Analytics	4

**Subtotal: 20**

#### Elective Courses

Students must take two elective courses (8 credits) from the following list:

SEM 610	User Experience and Audience Research	4
SEM 611	Media Creation and Project Management	4
SEM 612	Emerging Media: Industry, Policy, and Law	4
SEM 613	Advanced Production in Emerging Media	4
MAPC 612	Ethics and Communication Law	4

**Subtotal: 8**

#### Capstone Project or Thesis

The capstone experience is the final course for the Master of Arts in Social and Emerging Media, and it culminates in a project that demonstrates the student’s expertise in the field. The capstone experience is largely independent, and students will plan and produce a project under the supervision of a faculty member. Students who choose to do so have the opportunity to coordinate work on their projects with a nonprofit organization or a business in the Tampa Bay area.

After departmental approval, students are required to submit an electronic version of their thesis, dissertation or final project to the Macdonald-Kelce Library for inclusion in the digital repository, which is accessible on the internet.

Embargoes restricting access of full text to only the UT community may be selected for one, three or five years, before the work is released freely on the web through the repository. Students also have the option to release the work for immediate access worldwide.

SEM 700	Capstone in Social and Emerging Media	4
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**Subtotal: 4**

Subtotal: 32

**Total Credit Hours: 32**

### Graduate Study in the Sykes College of Business

#### Sykes College of Business

The Sykes College of Business (COB) offers graduate degree programs designed to help students become distinguished business practitioners. The degrees offered include the following:

- Executive Doctor of Business Administration (EDBA)
- Master of Business Administration (MBA)
- Professional MBA (PMBA)
- Executive MBA (EMBA)
- Master of Science in Accounting (MS-ACC)
- Master of Science in Business Analytics (MS-BAN)
- Master of Science in Cybersecurity (MS-CYB)
- Master of Science in Entrepreneurship (MS-ENT)
- Master of Science in Information and Technology Management (MS-ITM)
- Master of Science in Finance (MS-FIN)
- Master of Science in Marketing (MS-MKT)

#### Vision of the College of Business

To be recognized as the leading business school in the Southeast for preparing future world business leaders.

#### Mission and Values

Preparing students to succeed in the global marketplace through educational excellence.

#### Values and Goals

**People First:** We attract, develop and support talented students, faculty and staff.

**Teaching Excellence:** We focus on teaching excellence and high-quality student-centered learning.

**Dynamic Programs:** We offer academically challenging graduate and undergraduate programs that prepare students for the dynamic local, regional and global workplace.

**Scholarship:** We enhance faculty teaching effectiveness and advance business knowledge through intellectual contributions and scholarship.

**Partnerships:** We form strong partnerships and alliances with universities, communities and businesses on a local and global basis.

#### Accreditation

The Sykes College of Business is accredited by AACSB International — the Association to Advance Collegiate Schools of Business. The University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate and master’s degrees.

### *Tuition and Graduate Fees*

Graduate tuition rates and fees for the 2022-2023 academic year can be found on the UT "Tuition and Costs" webpage.

The Executive MBA program tuition is payable in five equal installments due at the beginning of each academic term and includes books, some meals, the student services fee, parking and a substantial portion of the international study trip.

Tuition for audited courses is 50 percent of the graduate tuition rate (see the Continuing Studies section of this catalog for additional information on auditing courses).

### *Admission*

Admission to UT's Sykes College of Business graduate programs is competitive. The University takes a holistic approach to admission and examines all materials in an applicant's file. Our goal is to accept students with a high likelihood of success in our program. Part-time and full-time MBA, PMBA, MS-ACC, MS-BAN, MS-CYB, MS-ENT, MS-ITM, MS-FIN and MS-MKT applications are continually processed, with admissions deadlines for fall, spring and summer terms. Executive MBA and Executive DBA applications are for fall sessions only. Individual interviews may be required in some cases and are required for all EMBA and EDBA program applicants. All students admitted for a master's program must have earned a bachelor's degree or the equivalent from a regionally accredited college or university. A specific undergraduate major is not required. All students admitted for the Executive DBA should have earned a master's degree from a regionally accredited college or university. A master's in business or a quantitative field is preferred. At the discretion of the EDBA Review Committee relevant business experience may be substituted for a master's in business or quantitative field. Applicants with non-business or non-quantitative degrees may be required to take additional courses prior to matriculating into the EDBA program.

Application materials should be sent to the Office of Graduate and Continuing Studies. Applicants can check [www.ut.edu/graduate/business/requirements](http://www.ut.edu/graduate/business/requirements) for all deadlines and requirements.

Students entering the programs are expected to be competent in mathematics, to have strong communication skills (both written and oral) and to be competent with the use of computers. It is the student's responsibility to develop these proficiencies through coursework and self-study. Students entering the Executive MBA program are expected to have seven years of relevant work experience and pass the assigned preliminary online module(s) with at least a 75 percent prior to the semester in which the course is taken.

### *How to Apply*

To be considered for graduate admissions, each applicant must submit a \$40 application fee along with the following:

- Completed application.
- Official transcripts for all previous college work (must be received directly from each institution).
- Important: Transcripts must show specific subjects taken and the grade earned in each. If grades are expressed in other than the American system (A, B, C, D, F), a statement from the school must accompany the transcript showing conversion to the American system. Diplomas, certificates or general letters indicating attendance at a school will not substitute for transcripts.
- Applicants who have attended foreign colleges or universities may be asked to submit their transcripts and documents to a recognized international transcript evaluation consultant (e.g., World Educational Services Inc. or Josef Silny & Associates Inc.) for multipurpose evaluation of the undergraduate degrees earned and the institutions granting them. Application forms for evaluation by these services are available from Admissions in the Office of Graduate and Continuing Studies.
- GMAT score report (required for all business master's programs unless waived). A GMAT/GRE score is optional for the Executive DBA program.
- Two personal reference forms. Personal reference forms are optional for the Executive DBA program.
- A résumé that provides details of education and work experience.
- Personal statement that discusses professional objectives, significant professional or academic achievements and demonstrated leadership abilities.
- Executive DBA applicants must identify and articulate research interest(s) or business issue(s) the candidate would like to address while earning the EDBA.
- TOEFL or IELTS score report (international applicants only).
- Financial certification with appropriate supporting documents.
- Portfolio of work and professional accomplishments (required for MS programs and PMBA and EMBA applicants who are not submitting GMAT scores; otherwise, recommended).
- MS-ENT: Instead of a personal statement as described above, applicants must submit the following: 1) 3-5 minute video pitch (content to include an explanation of entrepreneurial experience and its relevance to the program) and 2) 1-page written pitch (content to include how the program will benefit applicant's entrepreneurial

goals). The CEO Pitch Competition submission can be accepted in lieu of the Video Pitch.

- **EDBA:** Applicants should have at least 10 years of relevant full-time professional experience. Applicants with less than 10 years of full-time experience will be considered for admission if they provide a compelling case in the application.

### ***Admission Classification***

#### ***Full Degree-Seeking Students***

In order to be considered for acceptance as a full degree-seeking student, the following is recommended:

1. Competitive verbal and quantitative scores on the Graduate Management Admissions Test (GMAT) or the Graduate Record Examination (GRE) are required for all business master programs. The GMAT and GRE may be considered for waiver for the following applicants:

- For MBA (except EMBA and PMBA) and all M.S. programs (except MS-FIN, MS-ACC, and MS-ENT)
  - An overall GPA (or last 60 hours, whichever is highest) of 3.25 or higher from a regionally accredited institution or international equivalent. AND
  - A grade of “B” or higher in relevant coursework as deemed appropriate by the Sykes College of Business admissions committee. These courses will depend on the program of interest. No exceptions on the “B” or higher, grade requirement.

- For MS-FIN and MS-ACC:

- An overall GPA (or last 60 hours, whichever is highest) of 3.25 or higher from a regionally accredited institution or international equivalent. AND
- A grade of “B” or higher in relevant coursework as deemed appropriate by the Sykes College of Business admissions committee. These courses will depend on the program of interest. No exceptions on the “B” or higher, grade requirements, except for MS-ACC. UT undergraduate students can have one required course lower than a “B” grade, but only if the student has a UT faculty recommendation explaining the failure to earn a “B” grade or higher and attesting to the student’s ability to be a successful MS-ACC student.

OR

- Passed any level of the CFA or CPA exam. AND
- An overall GPA (or last 60 hours, whichever is highest) of 3.0 or higher from a regionally accredited institution or international equivalent.

- **NO GMAT requirements for:**
    - **MS-ENT:** An overall GPA (or last 60 hours, whichever is higher) of 3.0 or higher from a regionally accredited institution or international equivalent.
    - **PMBA:** An overall GPA (or last 60 hours, whichever is highest) of 3.0 or higher from a regionally accredited institution or international equivalent; AND Minimum of five years of professional work experience.
    - **EMBA:** An overall GPA (or last 60 hours, whichever is highest) of 3.0 or higher from a regionally accredited institution or international equivalent; AND a “B” grade or higher in relevant coursework; AND a minimum of seven years of professional work experience.
    - **Previous Master’s Degree:** Students with previous master’s degrees with a GPA of 3.0 or higher in a program from a regionally accredited institution, or international equivalent, can petition to waive the GMAT. The previous master’s program should have required an entrance exam (such as the GMAT or GRE) or the program had a significantly quantitative component to demonstrate quantitative skills.
    - **Beta Gamma Sigma:** Students who attend(ed) AACSB accredited institutions and are an admitted member of Beta Gamma Sigma may apply for a GMAT waiver using the UT undergraduate academic benchmarks.
2. Competitive GPA for all previous college work.
  3. For international applicants, a TOEFL score between 560-577 (paper-based test) or 83-91 (Internet-based test) is recommended.

#### ***Non-Degree Seeking Students***

Non-degree seeking status is available for MBA, MS-ACC, MS-BAN, MS-CYB, MS-ENT, MS-ITM, MS-MKT and MS-FIN applicants. Those who have completed an undergraduate degree with a competitive GPA, but who have not taken the GMAT, may be considered for acceptance as non-degree seeking students. In this case, a student may take no more than 8 credit hours of approved courses and will be required to submit GMAT scores to the Office of Graduate and Continuing Studies before continuing enrollment.

Acceptance as a non-degree seeking student does not ensure acceptance into the respective program, regardless of grades received. Once the GMAT score has been received, the student’s admission status will be reevaluated. If, at that time, the student meets the criteria for acceptance, the status will be changed to full degree seeking. Non-degree seeking students are not eligible for University or federal financial aid.

International students are not eligible for non-degree seeking status.

### ***General Information About Graduate Admission***

Graduate Admissions may, upon request, review the documents of any applicant and, based upon individual circumstances, make exceptions to the requirements mentioned in the above sections.

Falsification of information on an application for admission may result in dismissal or non-admission. The University reserves the right to refuse admission to any applicant or readmission to any student, or to dismiss any student whose conduct is judged detrimental to the University program. Students whose final semester grades (college undergraduate or graduate) are deemed below average by the admissions committee may have their admission to the university rescinded.

No portion of an applicant's academic record from another institution should be withheld; this may result in a permanent dismissal without credit for work completed at The University of Tampa.

A condition of any admission to the University is that students must certify that he or she will not unlawfully possess, use, sell, purchase, manufacture, deliver or possess with intent to sell, purchase, manufacture or deliver any controlled substance while enrolled at UT.

The University of Tampa takes student postings on social media sites seriously. Students who post illegal behavior or threatening comments on social media sites may have their admission to the University rescinded or may be permanently dismissed from the University.

#### **Readmission Policy**

Students must apply for readmission to College of Business Graduate Programs under two circumstances:

1. Students who have not been enrolled in classes for one calendar year or longer must reapply for readmission.
2. Students who have been dismissed for academic reasons and have been through the academic appeals process, may appeal to the Graduate Appeals committee for readmission after one year of their dismissal date. Readmission is contingent upon documentation that the circumstances that lead to their dismissal have significantly changed and evidence that they will be able to successfully meet the GPA requirements required for graduation.

Readmission is contingent upon documentation that the circumstances that lead to their dismissal have significantly changed and evidence that they will be able to successfully meet the GPA requirements required for graduation.

### ***Academic Certificates***

Earning the certificate does not guarantee admission into any UT graduate program or waiver of foundation

requirements. See individual certificate program descriptions for additional information.

### ***Earning a Dual Graduate Degree from the Sykes College of Business***

Students enrolled in business graduate programs may earn a concurrent degree by completing the appropriate 24 credit hours of 600-level courses. Students must meet all admissions requirements for the two degrees being pursued. In order to graduate with both degrees, students must earn a 3.0 for each degree. Contact the Graduate Business Programs Office or the Office of Graduate and Continuing Studies for more details.

#### **4+1 B.S./MBA Program**

The 4+1 B.S./MBA program combines an undergraduate business degree and an MBA degree so that students can earn both degrees in five years. Degrees are conferred simultaneously at the end of the MBA program. This combined program decreases the number of required hours to complete both degrees by 8 credit hours and requires two internships. A total of eight graduate-level credits may be applied toward the total credit hour requirements for a bachelor's degree. MGT 615 replaces MGT 431, and MGT 602 replaces a general elective course.

Students can file an initial application to demonstrate intent as early as freshman year but cannot be formally admitted until their junior year. All required undergraduate core business classes must be completed in order to evaluate their eligibility for the program. A "B" or better in select core classes and a GPA of 3.25 is required for admission. (See previous section on Admission Classification for the specific criteria for UT students to waive the GMAT for the MBA program.) No student will be allowed to take graduate classes until fully admitted to the MBA program. Students may also decide to earn a concentration in the MBA program.

#### **4+1 B.S./M.S. Accounting Program**

The 4+1 program allows students to complete both a B.S. and an M.S. in Accounting in at least five years. Students will apply for the 4+1 program in their junior year and can take graduate level courses while completing their B.S. The graduate credits are in addition to the 124 credits required for graduation with the B.S. Students admitted to the 4+1 program must have an overall 3.25 GPA and B grade or better in ACC 202, ACC 203, ACC 304, ACC 320, ACC 351, ACC 352, ACC 401, ACC 420, BUS 221, ECO 204, ECO 205, FIN 310, MGT 330, MKT 310, and QMB 210.

#### **4+1 B.S./M.S. Marketing Program**

This full-time program combines the undergraduate marketing degree and the M.S. Marketing degree to create a clear academic path for prospective students to earn both degrees simultaneously in an accelerated

format. This program also has two required internships, intended to improve marketability upon completion of the program. Students admitted to the 4+1 program must have an overall 3.25 GPA and B grade or better in ACC 202, ACC 203, ECO 204, ECO 205, FIN 310, MKT 300, and QMB 210.

### ***Dual Undergraduate Enrollment***

Undergraduate students within 8 credit hours of undergraduate graduation from The University of Tampa may take 8 credit hours of graduate credit if they have a minimum GPA of 3.275 and meet the requirements for acceptance into the relevant graduate program, including the GMAT or GRE requirement.

### ***Graduate Business Academic Advising***

Graduate Business Programs Office academic advisors are available to assist students in evaluating course options and in planning successful completion of educational goals. Major responsibilities include 1) making information about academic policies and requirements available to every student; 2) referring students, as appropriate, to one of the many academic support services available; and 3) helping students process the following forms: Degree Application Form, Transient Student Status Form, Request for Change of Program or Concentration, Special Permission for Class Overload, Registration for Classes, Dropping/Adding of Classes and Petition of Academic Appeals.

### ***Transfer and Transient Credit Policy***

A maximum of 8 credit hours of graduate-level credit beyond Business Essentials courses can be transferred from other AACSB-accredited institutions. Only credit earned with a grade of "B" or better will be considered for transfer.

Coursework completed more than seven years prior to admission may not be applied toward a master's degree. Transient credit, correspondence credit and credit for extension courses are generally not accepted, except as may be specifically approved by the respective program director in the Graduate Business Programs Office.

### ***Graduate Retention Standards***

Sykes College of Business graduate students must have a minimum 3.0 GPA in their required courses and a cumulative 3.0 GPA to graduate. Students who fall below a 3.0 GPA are placed on academic probation and will have an 8-credit probationary period in which to raise their grades to a 3.0 GPA. Students failing to do so will be dismissed. Students with a cumulative GPA of 2.0 or lower will be dismissed with no probationary period. Conditionally admitted MBA, MS-ACC, MS-FIN or MS-MKT students who fall below a 3.0 GPA during their first 8 credit hours will be dismissed. No grade below a "C" will be accepted toward a graduate degree or certificate completion. Therefore, students must retake any class in which they earn a grade below a "C." It is important to note that the grade you earn from

retaking the course will not replace the original grade and the quality points will be averaged into your overall GPA. Hence, the original grade will not be removed from your academic record. Any student who earns three grades of "C" or below will be dismissed with no probationary term. Students dismissed at the completion of the spring semester will be dropped from all courses including May intersession. If registered for the May intersession, withdrawal will be retroactive to the first day of classes. Students will not be allowed to continue in classes pending submission and appeal approved by the Graduate Appeals Committee.

### ***Graduate Academic Appeals***

Please refer to the University of Tampa Graduate Academic Appeals Process in the Graduate and Continuing Studies section of the catalog.

#### ***Business Essentials Requirements***

The Business Essentials courses are designed to prepare students with the fundamentals of business. In this sequence, they learn the basics of sound theory and practice. The Business Essentials requirements must be completed prior to taking any core courses. Applicants with baccalaureate degrees in business or economics from AACSB-accredited schools (or equivalent schools, as determined by the Business Graduate Curriculum Committee) may meet this requirement by demonstrating a "B" or better in the required undergraduate business courses. See individual degree requirements for specific courses.

These courses must have been completed within the previous seven years, from the date of enrollment into the program. Waivers are not given for professional experience, professional development courses or courses taken at professional institutes.

For all business programs, a student may demonstrate competency in a Business Essentials subject by passing a departmental subject (waiver) examination. Exams must be taken by the end of the student's first term and may be taken only one time. Deadlines for completion of waiver exams may be obtained from the Graduate Business Programs Office.

In order for a course from an international institution or from a domestic non-AACSB-accredited institution to be considered for a waiver of a Business Essentials requirement without examination, the following conditions must be met:

- The student must be able to provide a course syllabus for at least two courses taken in the discipline.
- The student must indicate the textbook used for the course and provide a table of contents, if possible.
- At least one course must have been completed at a more advanced level than the Business Essentials course being considered for a waiver.
- All courses completed in the discipline must have been completed with a grade of "B" or better.

International students who graduate from a three-year degree program may not waive Business Essentials courses.

### *M.S. Finance*

For the M.S. in Finance program, passing level I of the CFA exam may waive some essential classes but determination will be made on a case-by-case basis depending on individual section test scores.

### *M.S. Accounting*

For the M.S. in Accounting program, students may waive the prerequisite courses if these courses were taken as part of their baccalaureate degrees or as post-baccalaureate students with a "C" or higher in the following undergraduate course(s) within the previous seven years from a regionally accredited college or university:

1. Intermediate Accounting I
2. Intermediate Accounting II
3. Cost Accounting
4. Accounting Information Systems
5. Federal Tax Accounting I
6. Auditing
7. Business Law I

For the MS-ACC program, if the student has completed the respective undergraduate course(s) with a "C" or higher, but it has been longer than seven years, the prerequisite may be waived if the student has current relevant work experience. Students who have completed any of the required courses at an AACSB-accredited college or university within the previous seven years with a "B" or better in the respective course will be required to substitute the course with an elective allowed within the MS-ACC program. Degree completion requires a minimum of 32 graduate credit hours, 20 of which must be accounting courses.

#### Graduate Internships

Graduate students pursuing an MBA have the opportunity to gain practical experience towards the completion of their degree by participating in a maximum of four graduate internships. There are two options toward the fulfillment of the BUS 698 requirements in the MBA curriculum:

1. Take two internships for 2 credits each. For students doing two 2-credit internships, if both internships are at the same company, students cannot repeat the same internship twice. The internships must be different including a different set of learning objectives in order to be approved.
2. Take four internships for 1 credit each. For students doing four internships, no more than two internships can be with the same company. For internships at the same company, the internships must be two different internships and must have different sets of learning objectives.

Only approved internships may be completed for academic credit. The employer must submit an Internship Request Form supplied by the Office of Career Services. Students wishing to pursue academic credit while participating in an internship must register for an internship course. Normal graduate tuition fees apply. All internship paperwork must be finalized prior to the start of the semester in which it will take place, and no retroactive credit is allowed. Grading criteria for internships include: final internship reports, weekly journals and an employer evaluation. Internships are graded as any other course in the graduate program and are assigned grades in accordance with University standards.

Internship applicants must be taking graduate classes at The University of Tampa, must have completed a minimum of two semesters of graduate-level courses with no grade less than a "B" in the discipline and must have an overall GPA of 3.0 or higher. Additionally, to qualify for an internship, students must create a resume and attend the internship preparation workshop. A graduate student who has earned a bachelor's degree at UT may, upon the recommendation of a UT faculty member, commence an internship after completing two graduate courses. The internship cannot be done with a student's full-time employer.

International students must have maintained their immigration status for one academic year before they are eligible to apply for an internship, and they are limited to working a total of 20 hours per week for all positions while school is in session. They may work full-time during the summer. Regardless of whether internships are during the school year or during the summer, all internships for international students must be taken for academic credit.

Students enrolled in the 4+1 program are required to complete two business internships for credit.

For more information, students should contact the Graduate Business Programs Office at (813)253-6287.

#### Independent Study and Special Studies Courses

Graduate students may apply to complete up to two independent studies as part of their graduate program. Independent studies are intended to allow a student to learn more in-depth about a particular topic with faculty oversight. The independent study must explicitly integrate academic content with specific learning outcomes that includes a graded written deliverable. The minimum length of time for an independent study is 12 weeks. Independent studies are independent inquiries into an area of academic interest. Independent studies are not a substitute for required courses or courses offered on a regular basis. They can be utilized as an elective for a course that is not regularly offered as long as the independent study proposal meets the academic criteria and is approved through the normal approval process.

Independent studies will not be approved for work that the student is already doing. For example, work completed as part of a certification program or work that is part of a job is not an independent study. The independent study may have minimal overlap with work responsibilities but it must not be part of an assigned work project.

In order to participate in an independent study, graduate students must have a GPA of 3.5 or higher. Graduate students must have prior approval from the department chair, the Associate Dean and the Director of Graduate Business Programs for all independent studies.

### *Student Organizations*

Students in the full-time and part-time graduate programs have the opportunity to elect representatives to the graduate student organizations whose purposes are to provide feedback to the administration and to initiate activities and programs to enhance the overall educational experience.

#### Beta Gamma Sigma

Beta Gamma Sigma is the international honor society for collegiate business programs at AACSB-accredited institutions. Members must be business majors in the upper 10 percent of the junior or senior class or the upper 20 percent of the graduate business class, be nominated by a BGS faculty member and be invited to join. See the Beta Gamma Sigma website at <https://betagammasigma.org/>.

#### UT-GOLD

Business graduate students are encouraged to participate in The University of Tampa Graduate Organization for Leadership Development (UT-GOLD). This is a student organization that represents all business graduate students and enhances the academic experience. UT-GOLD hosts social and professional events that provide students with the opportunity to network, socialize and engage with the community and each other.

#### Sykes Organization Graduate Alumni

Alumni are welcome to join the Sykes Organization Graduate Alumni (SOGA). This chapter of the UT alumni association was established to enhance the value of the business graduate programs and keep alumni connected to UT and each other.

SOGA fully supports the mission of the Sykes College of Business at The University of Tampa. SOGA develops and presents programs, services and networking opportunities that add value to the graduate business programs and facilitates ongoing relationships with alumni. For more information, contact the director of alumni and parent relations at (813) 253-6209 or the Graduate Business Programs Office at (813) 253-6287.

### *Executive Doctor of Business Administration*

Candidates in the Sykes COB Executive Doctor of Business Administration (EDBA) program will be exposed to a multidisciplinary curriculum and will have

the flexibility to research, develop and pursue academic interests that align with their expertise and experiences. The program is a three-year, eight-semester program consisting of three, 3-day residencies per semester. The EDBA program will consist of 64 total credit hours: 48 credit hours of core courses and 16 dissertation credit hours.

### *Degree Requirements*

#### **Prerequisites**

Applicants with non-business or non-quantitative degrees may be required to take additional courses prior to matriculating into the EDBA program. A quantitative aptitude assessment may be required for EDBA applicants. Students will be able to waive the quantitative assessment requirement based on the applicant's background. The Harvard online course: Introduction to Quantitative Statistical Methods, or an equivalent assessment tool will be used to evaluate the EDBA applicant's quantitative ability.

#### **Required EDBA courses**

EDBA 905	Contemporary Business Research Issues	4
EDBA 910	Driving Innovation in Your Organization	4
EDBA 915	Global Business and Economics	4
EDBA 920	Leading Change	4
EDBA 925	Multidisciplinary Strategic Thinking	4
EDBA 930	Adaptive and Applicable Research Design	4
EDBA 935	Applied Business Research Methods	4
EDBA 940	Strategic Marketing Research	4
EDBA 945	Reliability and Validity in Non-Statistical Inquiry	4
EDBA 950	Practical Corporate Financial Management and Valuation Research	4
EDBA 955	Sustaining Business Policies and Practices Research	4
EDBA 960	Practical and Pragmatic Research Design	4
EDBA 965	Dissertation I	8
EDBA 970	Dissertation II	8

#### **Total Credit Hours: 64**

### *Master of Business Administration*

#### *Full-Time and Part-Time MBA Programs*

Courses are offered at convenient times during the day and evenings for full- and part-time students. Students can complete the core curriculum in as little as one year in the full-time program. Working students can complete the coursework in less than two years in the part-time evening program. The program provides students with the solid strategic-level capabilities needed for success in the 21st-century global economy, including global business knowledge, business leadership, innovation and technology, critical thinking and ethics/social responsibility. The full- and part-time programs include personalized components that equip

graduates for long-term professional success, including professional development and the opportunity to obtain a concentration in an area of specific interest.

### *Degree Requirements*

#### **Business Essentials courses: (18 credit hours)**

ACC 500	Essentials of Financial Accounting	2
ACC 501	Essentials of Managerial Accounting	2
FIN 500	Foundations of Finance	2
ECO 500	Microeconomics for Managers	2
ECO 501	Macroeconomics for Managers	2
QMB 500	Statistics for Decision Makers	4
MGT 500	Designing and Staffing Organizations	2
MKT 500	Introduction to Marketing	2

All Business Essentials requirements must be met prior to taking the MBA core. See the Business Essentials section for more information.

#### **Required MBA courses: Leadership (4 credit hours)**

MGT 602	Leadership and Organizational Behavior	4
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Leadership and Organizational Behavior is a mandatory course for all MBA students in their first semester. The course begins with a fast-start workshop weekend component. For more information, click MGT 602 for the course description.

#### **Required MBA courses: Core courses (28 credit hours)**

ACC 610	Accounting and Value Creation	4
BUS 698	Professional Development Practicum	4
ECO 640	The Economics of Organizations	4
FIN 611	Financial Management and Strategy	4
ITM 608	Information Systems and Operations Management	4
MGT 615	Strategic Management	4
MKT 610	Strategic Marketing Analysis	4

#### **Elective courses: (8 credit hours)**

	Elective	4
	Decisions Analysis Elective	4

(Decisions Analysis Elective selected from: ITM 615, QMB 612, MKT 612, MKT 617, ECO 611, FIN 617, FIN 645 or QMB 660)

**Total Credit Hours: 40-56**

### *Career and Leadership Development: Topics in Professional Development*

All MBA students (except PMBA and EMBA students) must take 4 credit hours for the BUS 698 (Professional Development Practicum.) In BUS 698 students may participate in a wide variety of activities to reinforce their leadership plan. Examples of activities include but are not limited to internships, SAP Certification, career development activities, leadership certificate, collaborative research projects and travel study courses. Full-time students can request to count up to two internships toward their professional development

### *Electives*

Each MBA student is required to select one designated “decision analysis course” in order to fulfill MBA program requirements. Those seeking the general MBA may select from any of the decision analysis courses listed below. Students electing to take concentrations in their MBA programs will select a decision analysis course approved for that concentration.

### *Degree Requirements*

#### **Decision Analysis Electives**

Those seeking the general MBA may select from any of the decision analysis courses listed below.

ITM 615	Data Mining for Business	4
QMB 612	Decision Modeling and Analysis	4
MKT 612	Business Research Methods	4
MKT 617	Marketing Analytics	4
ECO 611	Econometrics	4
FIN 617	Analytics in Finance	4
FIN 645	Advanced Portfolio Management	4
QMB 660	Advanced Forecasting and Predictive Analytics	4

#### **General Electives**

General Elective: Any graduate business course that is not a required course in the MBA program (4 credit hours required).

### *General MBA vs. MBA with Concentration*

Students may elect a general MBA without a concentration, or they can elect to take a concentration. A concentration requires 12 credit hours in the discipline, which may include the required decision analysis course. The concentration option applies to the full-time MBA, part-time MBA, PMBA and Executive MBA programs.

### *Professional MBA (PMBA)*

The Professional MBA Program (PMBA) is designed to meet the needs of working professionals by offering a MBA curriculum in a flexible part-time evening class format (8 credit hours or less per semester) to students who have five years of full-time professional work experience. The program features a leadership development program and a capstone strategic management project designed specifically to meet the career needs of working professionals interested in taking their career to the next level.

### *Degree Requirements*

Business Essential Courses (16 credit hours)

ACC 500	Essentials of Financial Accounting	2
ACC 501	Essentials of Managerial Accounting	2



FIN 500	Foundations of Finance	2
ECO 500	Microeconomics for Managers	2
ECO 501	Macroeconomics for Managers	2
QMB 500	Statistics for Decision Makers	4
MKT 500	Introduction to Marketing	2

All Business Essential requirements must be met prior to taking the PMBA core. See the Business Essentials section for more information.

Required MBA courses: Core courses (28 credit hours)

MGT 609	Leading for Competitive Advantage	4
ACC 610	Accounting and Value Creation	4
ECO 640	The Economics of Organizations	4
FIN 611	Financial Management and Strategy	4
ITM 608	Information Systems and Operations Management	4
MKT 610	Strategic Marketing Analysis	4
MGT 615	Strategic Management	4

Elective courses: (12 credit hours)

Decisions Analysis Elective (Selected from: (FIN 617, ITM 615, QMB 612, MKT 612, MKT 617, ECO 611, FIN 645 or QMB 660)

Elective 4

Elective 4

Total Credit Hours: 40-56 (60 hours if getting an IB, Cybersecurity, Nonprofit, or Finance concentration)

### *Accounting Concentration*

The Master of Business Administration (MBA) program provides advanced management education that is focused on developing leadership capabilities by exposing students to a wide range of managerial skills and by providing them with the opportunity to develop expertise in an area of business that meet their career goals. To fulfill the requirements for a concentration in accounting students will take a minimum of three graduate-level accounting electives and obtain a "B" grade or better in all of those electives.

### *Concentration Requirements*

#### **One Decision Analysis Elective**

Plus any three of the following electives (prerequisites required)

ACC 502	Auditing II	4
ACC 553	Federal Taxation II	4
ACC 643	Advanced Financial Accounting	4
ACC 651	Advanced Management Accounting	4
ACC 657	Advanced Financial Statement Analysis and Valuation	4

**Subtotal: 0**

**Total Credit Hours: 16**

### *Business Analytics Concentration*

Large amounts of data are the lifeblood of successful organizations today. Leading organizations across industries harness and use data-driven insights to compete, innovate and achieve important strategic objectives. Quickly making sense of the extracting value from vast amounts of data is a critical skill in emerging era of big data and analytics. Managers must be able to use analytics to find and exploit critical opportunities for adding value and improving performance in the large volumes of diverse data created by organizational systems, external data sources and digital technologies. With more positions related to business intelligence and business analytics, employers demand graduates who know how to use data and analytical tools to drive decisions and can effectively promote the use of analytics in their organizations. The objectives of the business analytics concentration are to equip students with strong analytic skills and knowledge beyond the core MBA courses to they can thrive in this new predictive analytics environment. Program graduates will be able to:

1. Plan, organize and manage data analytic projects with an organizational environment.
2. Analyze organizational environments to identify and exploit potential sources of relevant data that is required to support organizational process monitoring and decision-making processes.
3. Apply an appropriate mix of data analysis tools and methods to transform data into actionable insights that drive business decisions and actions.
4. Appreciate the broader ethical and societal implications of the burgeoning application of data and analytics.

### *Concentration Requirements*

#### **Required courses for Business Analytics Concentration**

QMB 612	Decision Modeling and Analysis	4
ITM 615	Data Mining for Business	4
One of the following:		
ECO 611	Econometrics	4
FIN 645	Advanced Portfolio Management	4
FIN 660	Applied Corporate Finance	4
ITM 619	Enterprise Systems	4

QMB 660      Advanced Forecasting and Predictive Analytics      4

**Total Credit Hours: 12**

Students pursuing two concentrations must take a minimum of two courses from the list above that are different from the courses in the other concentration. Only one course can overlap with another concentration.

*Cybersecurity Concentration*

The University of Tampa MBA cybersecurity concentration prepares students for careers in the cybersecurity industry while providing a strong and comprehensive business education. For the concentration, students take 12 credit hours of courses beyond the MBA requirements.

Several courses are designed to cover the top professional certifications in the industry (e.g., Certified Information System Security Professional). As a benefit of the cybersecurity concentration, graduates will find themselves well prepared to take many of these certification exams.

The objectives of the cybersecurity concentration are to equip students with strong information security knowledge beyond the core MBA courses. With such knowledge, graduates will be able to successfully defend and protect information assets for any business regardless of industry.

Other cybersecurity graduate programs are available. Students may consider a full Master of Science in Cybersecurity or a Graduate Certificate in Cybersecurity.

Students are required to have a minimum of nine credit hours of IT courses from three key areas. It is recommended that students complete these before starting graduate work, but they may be taken concurrently with CYB 610 or CYB 620.

Students must have at least one 3 credit-hour undergraduate or graduate course in each of the three areas below with a "C" grade or better:

- One course in programming or application development fundamentals (ITM 251 or similar course)
- One course in network, IT infrastructure or data communications (ITM 280 or similar course)
- One course in information security principles or foundations (ITM 350, ITM 650 or similar course)

**Professional Certifications and Work Experience Substitutes**

Candidates may use certifications and work experience to substitute for some or all of the IT courses. Each substitute will be evaluated on an

individual basis.

Certifications: Professional certifications can be used to substitute the IT courses. A single certification can substitute for only one course. For example, to substitute for three courses, three different relevant certifications would be required. Each certification must be verifiable. The Cybersecurity Program Director will maintain a list of acceptable certifications. Below are examples of some acceptable substitutions for the three required IT courses:

- 1) Programming language or application development certification (e.g. C/C++, Python, Java, Visual Basic, MCS5) may substitute for the programming course requirement.
- 2) A networking certification (e.g. Network+, CCNA, CCNP) may substitute for the networking and data communication course requirement.
- 3) A security certification (e.g. Security+, SSCP, CISA, CISM, CISSP, GIAC Security Essentials) may substitute for the information security principles course requirement.

Work experience: Professional work experience may be used as a substitute for a maximum of one of the three IT courses. The work experience must be full-time, paid, within the last ten years, directly relate to the substituted course and be verifiable. At least two years of full-time work experience is necessary to substitute for the specific course. To be verifiable, the experience must be described on a document from an employee's place of work as part of the candidate's admission package.

*Concentration Requirements*

**Requirements List**

For the required MBA decision analysis elective, choose one of the following:

ITM 615	Data Mining for Business	4
QMB 612	Decision Modeling and Analysis	4

**Subtotal: 4**

**Three of the following:**

CYB 610	Cloud Systems Security	4
CYB 620	Risk Assessment & Contingency Planning	4
CYB 630	Incident Response Management	4
CYB 640	Secure Software Design	4
CYB 650	Security Governance & Leadership	4
CYB 660	Penetration Testing	4
CYB 670	Cybersecurity Research Seminar	4
CYB 695	Special Topics in Cybersecurity	4
CYB 699	Independent Study in Cybersecurity	1-8
ITM 650	Information Security Management	4

**Subtotal: 12**

Prerequisites may be required.  
Subtotal: 4

**Total Credit Hours: -16***Entrepreneurship Concentration*

In industrialized countries, new businesses create the majority of new jobs, yet most entrepreneurs have no formalized instruction in how to launch a new business. This concentration prepares students for the intricacies of planning, launching and leading a new business. The curriculum is designed around two themes: screening and recognizing opportunities to create value, and managerial innovation methodologies. Self-employment is only one career option for graduates of the entrepreneurship concentration. Other career options are "intrapreneurship" (innovation in large organizations), venture capital and social entrepreneurship. In addition to a traditional classroom experience, students in the concentration compete in a business plan competition and have opportunities to interact with local entrepreneurs.

*Concentration Requirements***Required courses for entrepreneurship concentration:**

MKT 612	Business Research Methods	4
ENT 620	Creativity and Innovation for Entrepreneurs	4

**Subtotal: 8****One of the following:**

ENT 630	Selecting and Developing a Business Model	4
ENT 675	Leading and Managing New Ventures	4

**Subtotal: 4**

Subtotal: 12

**Total Credit Hours: 12***Finance Concentration*

Business professionals adept at applying complex economic and accounting concepts in decision-making are in great demand. Managerial decisions in organizations, as well as timely analyses of investment alternatives, require input from financially educated professionals. The finance concentration prepares managers for successful interaction in either the managerial or investment function. Topics in many of the finance courses assist students in preparation for the CFA exam. Students also may elect to earn Bloomberg™ certification and receive on-campus Bloomberg training.

*Concentration Requirements***Required courses for finance concentration:**

	Decisions Analysis Elective	4
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**Three of the following:**

FIN 616	Corporate Finance and Valuation	4
FIN 630	International Finance	4
FIN 640	Investment Portfolio Management	4
FIN 645	Advanced Portfolio Management	4
FIN 650	Venture Capital and Alternative Investments	4

FIN 670	Financial Markets and Derivatives	4
FIN 695	Special Topics in Finance	4
FIN 699	Independent Study in Finance	1-4
QMB 660	Advanced Forecasting and Predictive Analytics	4

FIN 630, 640, 645, 670: These courses have integrated the CFA® curriculum as provided by the CFA Institute and are based on the CFA Candidate Body of Knowledge.

**Total Credit Hours: 16***Information Systems Management Concentration*

In a world becoming increasingly dependent on computers, professionals who are competent in computer systems play an important role in applying technology to meet corporate strategic goals. Students are prepared with the knowledge and tools needed to integrate people, hardware, software and data for optimal planning, decision-making and problem-solving. The information systems management concentration deals with managing information as a strategic corporate asset and resource. The curriculum is designed to empower leaders with an understanding of how information systems and technologies may be used to achieve the corporation's mission and vision.

*Concentration Requirements***Required courses for informational systems management concentration:**

ITM 615	Data Mining for Business	4
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**Two of the following:**

ITM 614	Effective Project Management	4
ITM 619	Enterprise Systems	4
ITM 630	Managing the IT Organization	4
ITM 635	Managing Innovation	4
ITM 650	Information Security Management	4
QMB 660	Advanced Forecasting and Predictive Analytics	4

**Total Credit Hours: 12***International Business Concentration*

Well-trained and experienced professionals are needed to make businesses work across different cultures, political systems and economies. The international business concentration provides the student with a broad-based business background; develops an understanding and appreciation for the strategic, operational and behavioral aspects of managing across cultures; investigates the development and implementation of marketing techniques and programs on an international scale; and emphasizes the special risks and problems encountered by multinational managers.

*Concentration Requirements***Required courses for international business concentration:**

	Decisions Analysis Elective	4
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**Three of the following:**

ECO 605	Economics of Global Inequality and Poverty	4
ECO 622	Global Macroeconomy	4
ECO 632	Economics of Emerging Markets	4
FIN 630	International Finance	4
MKT 613	Global Marketing	4
MKT 692	Learning by Travel: Marketing in International Markets	4
MGT 692	Learning by Travel: Managing in International Markets	4
IBS 695	Special Topics in International Business	4

**Total Credit Hours: 16***Marketing Concentration*

The marketing concentration provides students with a broad-based education in what it means for an organization to be truly market driven. Class projects involve students in making decisions about product development, pricing, promotion, marketing research, sales compensation, cost containment and production scheduling. Students may take courses that cover advertising, marketing management, service quality, market research, marketing strategy and international marketing.

*Concentration Requirements***Required courses for marketing concentration:**

MKT 612	Business Research Methods	4
<b>Two of the following:</b>		
MKT 613	Global Marketing	4
MKT 614	Professional Selling and Sales Management	4
MKT 652	Services Marketing and Management	4
MKT 654	Strategic Brand Management	4
MKT 656	Digital Marketing	4
MKT 657	Buyer Behavior	4
MKT 658	Sport Marketing	4
MKT 695	Special Topics in Marketing	1-4
MKT 700	Marketing Capstone	4

**Total Credit Hours: 12***Nonprofit Management Concentration*

The nonprofit management concentration is a unique program that students may take as a graduate certificate or as a concentration in the MBA program. The concentration is delivered in four specialized courses delivered for one week each, over a 14-month period. The program starts with a course in May, continues with one in August, one in January and the final course in May. Classes are held for eight hours a day for five days during the class week.

*Concentration Requirements***Required courses for nonprofit management concentration:**

MGT 650	Decisions Analysis Elective	4
	Nonprofit Management: Thinking Strategically	3

MKT 650	Nonprofit Management: Marketing, Research and Communication	3
ACC 650	Nonprofit Management: Financial Management	3
MGT 659	Nonprofit Management: Leadership and Innovation	3

**Total Credit Hours: 16***Executive MBA (EMBA)*

The Executive MBA (EMBA) program is designed for experienced professionals seeking a collaborative and interdisciplinary approach to mastering the art of leadership in the new economy and preparing to lead in the next. Participants develop the global perspective, strategic vision and innovative thinking needed to make the right decisions and to manage risk in a changing world. This 21-month program consists of 48 credit hours that includes foundational preparation courses, executive coaching/leadership development and international consulting projects. Classes meet on alternating Saturdays. Concentrations are available but can only be started once all EMBA program requirements are completed. Concentrations are optional and not required for completion of the EMBA program.

*Degree Requirements***Requirements List**

EMBA 801	Personal Branding I: Developing Communication and Interpersonal Skills	2
EMBA 802	Developing Cross-cultural Competencies and Career Management Strategies	2
EMBA 803	Accounting for Managers	1
EMBA 804	Analytics for Managers	1
EMBA 805	Managing Innovation Strategically	4
EMBA 806	Finance for Managers	1
EMBA 807	Economics for Managers	1
EMBA 810	Dynamic Leadership	4
EMBA 820	Accounting for Strategic Management	4
EMBA 825	Modeling and Analysis for Executive Decision Making	4
EMBA 830	Strategic Information Systems Management	4
EMBA 835	Marketing Strategy and Value Creation	4
EMBA 840	Economics for Business Leaders	4
EMBA 845	Financial Management and Strategy	4
EMBA 850	Global Strategic Management I	4
EMBA 855	Global Strategic Management II	4

**Subtotal: 48**

(EMBA 850 and EMBA 855 includes an international trip)

Subtotal: 48

**Total Credit Hours: 48**

### *Master of Science in Accounting*

The Master of Science in Accounting is a 32-credit hour program that prepares students for the dynamic nature of the accounting profession and for a rapidly changing business environment. The program delivers a comprehensive understanding of accounting systems, theories and practical skills that, in combination with courses completed in our undergraduate program, satisfies the state of Florida's requirements for the CPA examination and equips students to pursue a variety of careers in accounting. The curriculum focuses on developing ethical knowledge and judgement, environmental perspective, technological know-how, critical thinking and problem-solving abilities, presentation skills and the technical accounting knowledge required to be successful in a global economy with increased scrutiny of corporate accounting practices.

#### *Degree Requirements*

##### **Prerequisite courses: (28 credit hours)**

ACC 304	Cost Accounting	4
ACC 320	Intermediate Accounting I	4
ACC 351	Accounting Information Systems	4
ACC 352	Federal Taxation I	4
ACC 401	Auditing and Attestation	4
ACC 420	Intermediate Accounting II	4
BUS 221	Business Law and Social Responsibility	4

##### **Required MS-ACC courses: (12 credit hours)**

ACC 625	Accounting Research and Analytics	4
ACC 635	Business Ethics and Corporate Governance	4
ACC 680	Contemporary Issues in Accounting	4

##### **Elective courses (20 credit hours)**

Note: At least 2 elective courses must be ACC

BUS 550	Commercial Law for Financial Professionals	4
ACC 502	Auditing II	4
ACC 553	Federal Taxation II	4
ACC 637	Information Systems Advisory and Assurance	4
ACC 643	Advanced Financial Accounting	4
ACC 651	Advanced Management Accounting	4
ACC 654	Federal Taxation III	4
ACC 655	Fraud Examination	4
ACC 657	Advanced Financial Statement Analysis and Valuation	4
ITM 615	Data Mining for Business	4
ITM 617	Machine Learning for Business Analytics	4
ITM 618	Application Development for Managers	4
ITM 619	Enterprise Systems	4
ITM 650	Information Security Management	4

**Subtotal: 0**

Note: Students can count a maximum of two 500-level courses towards the MSA, if the courses were not taken to satisfy undergraduate credit hours.

### **Total Credit Hours: 32-60**

### *Master of Science in Business Analytics*

The STEM approved M.S. in Business Analytics program is designed to teach students analytical skills necessary to effectively use data to solve business problems. The program teaches students foundational statistical and quantitative analysis skills to manipulate and analyze data sets, understand key programming languages, apply business forecasting models and develop spreadsheet models to make better business decisions. The capstone course provides students an opportunity to analyze big data sets from real companies to address current business issues. In addition to skills-based courses, three discipline-specific courses in finance, marketing and economics increase student exposure to the range of decisions that analytics can address.

#### *Degree Requirements*

##### **Prerequisite courses: (6 credit hours)**

FIN 500	Foundations of Finance	2
ITM 505	Database Fundamentals	2
QMB 500	Statistics for Decision Makers	4

##### **Required MS-BAN courses: (32 credit hours)**

ECO 611	Econometrics	4
FIN 617	Analytics in Finance	4
ITM 615	Data Mining for Business	4
ITM 617	Machine Learning for Business Analytics	4
ITM 680	Big Data for Analytics	4
MKT 617	Marketing Analytics	4
QMB 612	Decision Modeling and Analysis	4
QMB 660	Advanced Forecasting and Predictive Analytics	4

**Subtotal: 40**

Subtotal: 32-40

### **Total Credit Hours: 32-40**

### *Master of Science in Cybersecurity*

UT's STEM approved Master of Science in Cybersecurity prepares students for careers in the dynamic cybersecurity industry. Rapid technology changes and the evolving threats that face modern organizations require educated and equipped cybersecurity professionals. This 32 credit hour program develops students' depth and breadth of information security knowledge so they can successfully protect information assets for organizations regardless of industry and business. Topics include cloud system security, risk assessment, data analytics, contingency planning, incident response management, digital forensics, penetration testing, secure software design, project management, technology governance, compliance and security leadership. Several of our courses are designed to cover the top professional certifications in the industry (e.g., Certified Information System Security Professional).

The M.S. in Cybersecurity also offers a thesis track. Students considering the thesis option take a course

sequence that includes a research seminar and a thesis writing course. This 34-credit hour alternative prepares students who wish to pursue a research-oriented career as an academic, consultant or practitioner.

Students choosing the thesis track will be required to submit an electronic version of their thesis to the Macdonald-Kelce Library for inclusion in the digital repository, which is accessible on the internet. Students may choose to release the work for immediate access worldwide or choose embargos restricting access of full text to only The University of Tampa community for one, three or five years, before the work is released freely on the web through the repository.

Other cybersecurity graduate programs are available, including a graduate certificate in cybersecurity and an MBA concentration in cybersecurity.

*Degree Requirements*

**Business Course Prerequisites:**

Students are required to complete two business courses totaling at least 6 credit hours. It is recommended that a student complete these before taking graduate CYB courses, but it is not a requirement. The two courses must be:

- One course in business statistics.
- One additional business course in either economics, finance, accounting, or either ITM 608, ITM 614, ITM 619, ITM 630, or ITM 635.

Note: These may be waived if the student has completed a business degree in the past 7 years from an AACSB-accredited school and earned a grade of “B” or better in the course.

**Required Information Technology Foundation**

- CYB 501 Fundamentals of Information Security
- Note: To waive CYB 501 course, students must earn a B grade or better in qualification courses in programming fundamentals, networking, and information security principles.

**Professional Certifications and Work Experience Substitutes**

Candidates may use certifications and work experience to substitute for some or all of the IT courses. Each substitute will be evaluated on an individual basis.

Certifications: Professional certifications can be used to substitute the IT courses. A single certification can substitute for only one course. For example, to substitute for three courses, three different relevant certifications would be required. Each certification must be verifiable. The Cybersecurity Program Director will maintain a list of acceptable certifications. Below are examples of some acceptable substitutions for the three required IT courses:

1) Programming language or application development

certification (e.g. C/C++, Python, Java, Visual Basic, MCSD) may substitute for the programming course requirement.

2) A networking certification (e.g. Network+, CCNA, CCNP) may substitute for the networking and data communication course requirement.

3) A security certification (e.g. Security+, SSCP, CISA, CISM, CISSP, GIAC Security Essentials) may substitute for the information security principles course requirement.

Work experience: Professional work experience may be used as a substitute for a maximum of one of the three IT courses. The work experience must be full-time, paid, within the last ten years, directly relate to the substituted course and be verifiable. At least two years of full-time work experience is necessary to substitute for the specific course. To be verifiable, the experience must be described on a document from an employee’s place of work as part of the candidate’s admission package.

**Thesis Track Requirements**

Students must complete a minimum of 34 credit hours. Required MS-CYB courses: (26 credit hours)

CYB 601	Computer and Internet Security	4
CYB 620	Risk Assessment & Contingency Planning	4
CYB 630	Incident Response Management	4
CYB 660	Penetration Testing	4
CYB 670	Cybersecurity Research Seminar	4
CYB 675	Cybersecurity Graduate Thesis	6

**Elective Courses: Select one from the following (4 credit hours)**

CYB 695	Special Topics in Cybersecurity	4
CYB 699	Independent Study in Cybersecurity	1-8
ITM 608	Information Systems and Operations Management	4
ITM 614	Effective Project Management	4
ITM 615	Data Mining for Business	4
ITM 617	Machine Learning for Business Analytics	4
ITM 619	Enterprise Systems	4
ITM 630	Managing the IT Organization	4
ITM 635	Managing Innovation	4

**AND at least one of the following: (4 credit hours)**

CYB 610	Cloud Systems Security	4
CYB 640	Secure Software Design	4
CYB 650	Security Governance & Leadership	4

*Non-Thesis Track*

**Non-Thesis Track Requirements**

Students must complete a minimum of 32 credit hours. Required MS-CYB courses: (16 credit hours)

CYB 601	Computer and Internet Security	4
CYB 620	Risk Assessment & Contingency Planning	4
CYB 630	Incident Response Management	4
CYB 660	Penetration Testing	4

**AND at least one of the following: (4 credit hours)**

CYB 610	Cloud Systems Security	4
CYB 640	Secure Software Design	4
CYB 650	Security Governance & Leadership	4

**Elective Courses: Select three from the following (12 credit hours)**

CYB 670	Cybersecurity Research Seminar	4
CYB 695	Special Topics in Cybersecurity	4
CYB 699	Independent Study in Cybersecurity	1-8
ITM 608	Information Systems and Operations Management	4
ITM 614	Effective Project Management	4
ITM 615	Data Mining for Business	4
ITM 617	Machine Learning for Business Analytics	4
ITM 619	Enterprise Systems	4
ITM 630	Managing the IT Organization	4
ITM 635	Managing Innovation	4

**Total Credit Hours: 32-40****Master of Science in Entrepreneurship**

The goal of the M.S. in Entrepreneurship program is to build critical entrepreneurial skills. A key feature of the program is the experiential and customized learning approach. Students either work on their own projects throughout the program or team with companies in the Lowth Entrepreneurship Center's Spartan Incubator or Accelerator programs. When students enter the program, a customized approach to their learning is developed in concert with advising faculty. This program was designed by entrepreneurs for entrepreneurs.

**Degree Requirements****Degree Requirement List**

Course sequencing must be taken in the order as listed below

ENT 610	Preparing for the Entrepreneurial Journey	4
ENT 620	Creativity and Innovation for Entrepreneurs	4
ENT 630	Selecting and Developing a Business Model	4
ENT 640	New Venture Finance	4
ENT 650	Entrepreneurial Marketing	4
ENT 660	Risk Mitigation and Legal Issues for Entrepreneurs	4
ENT 675	Leading and Managing New Ventures	4

ENT 680	Communicating with Investors and Partners	4
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**Subtotal: 32**

Subtotal: 32

**Total Credit Hours: 32****Master of Science in Finance**

The Master of Science in Finance is designed to increase student's ability to use mathematical, accounting and statistical data and to suggest and implement financial management decisions that create cash flows and/or firm value. Corporate financial theory is explored through valuation models and risk and return models. The STEM-certified MS in Finance has two tracks: the Financial Analysis track, which supports the CFA(r) curriculum, and the Quantitative Analysis track, which focuses on data analytics and interpretation. Both tracks, with 16 hours of electives, allow students to develop a specialization in an area of their choice.

**Degree Requirements****Business Essentials courses: (14 credit hours)**

ACC 500	Essentials of Financial Accounting	2
ACC 501	Essentials of Managerial Accounting	2
ECO 500	Microeconomics for Managers	2
ECO 501	Macroeconomics for Managers	2
QMB 500	Statistics for Decision Makers	4
FIN 500	Foundations of Finance	2

All Business Essentials requirements must be met prior to taking the MS-FIN core. Please see the Business Essentials section for more information.

**Required MS-FIN courses: (16 credit hours)**

FIN 640	Investment Portfolio Management	4
QMB 612	Decision Modeling and Analysis	4
FIN 626	Financial Analysis for Management	4
Select one of the following:		
FIN 645	Advanced Portfolio Management (Financial Analysis Track)	4
ITM 615	Data Mining for Business (Quantitative Finance Track)	4

**Elective courses: (16 credit hours)**

Note: At least 2 of the elective courses must be FIN courses.

FIN 616	Corporate Finance and Valuation	4
FIN 617	Analytics in Finance	4
FIN 630	International Finance	4
FIN 645	Advanced Portfolio Management	4
FIN 650	Venture Capital and Alternative Investments	4
FIN 660	Applied Corporate Finance	4
FIN 670	Financial Markets and Derivatives	4
ITM 615	Data Mining for Business	4
QMB 660	Advanced Forecasting and Predictive Analytics	4
ACC 625	Accounting Research and Analytics	4
ACC 657	Advanced Financial Statement Analysis and Valuation	4
ECO 611	Econometrics	4

**Total Credit Hours: 32-46**

*Master of Science in Information and Technology Management*

Technology is shaping the business world, and today’s businesses depend on technology to run and streamline their business processes. The University of Tampa’s STEM approved Master of Science in Information and Technology Management prepares students for careers at different types of businesses. This 32-credit hour program develops students’ depth and breadth of information technology knowledge that focuses on developing technological decision-making capabilities through analytical thinking, technology development and productivity improvement.

The program provides a comprehensive information and technology management education that covers critical topic such as Managing the IT Organization, Effective Project Management, Enterprise Systems, Operations Management and Information Systems. In addition to these courses, students can select four other courses from a long list of courses in information systems, cybersecurity and business analytics that provides flexibility to focus on their desired area.

The program features small class sizes and experiential learning using contemporary software through the University’s membership in several academic alliances, such as SAP, the world leader in enterprise systems, and Microsoft Corporation, and participate in real-world projects analyzing the technology needs for businesses to improve performance. Several courses are designed to cover some of the top professional certifications in the industry, such as the SAP ERP certificate and Project Management Professional (PMP) certificate. As a benefit of this program, graduates will find themselves well prepared to take many of the top certifications in the field.

*Degree Requirements*

**Required Prerequisite Courses (8 credit hours)**

1. QMB 500 Statistics for Decision Makers
2. CYB 501 Fundamentals of Information Security

Note: To waive QMB 500 course, students must earn a B grade or better in business statistics courses in the past seven years. To waive CYB 501 course, students must earn a B grade or better in qualification courses in programming fundamentals, networking and information security principle in the past seven years.

**Required MS-ITM courses: (16 credit hours)**

ITM 608	Information Systems and Operations Management	4
ITM 614	Effective Project Management	4
ITM 619	Enterprise Systems	4
ITM 630	Managing the IT Organization	4

**Elective courses: (16 credit hours)**

Students can select any four courses from the ITM department graduate courses (ITM, CYB, QMB)

ITM 615	Data Mining for Business	4
ITM 650	Information Security Management	4
QMB 612	Decision Modeling and Analysis	4
QMB 660	Advanced Forecasting and Predictive Analytics	4
CYB 610	Cloud Systems Security	4
CYB 620	Risk Assessment & Contingency Planning	4
CYB 630	Incident Response Management	4
CYB 640	Secure Software Design	4
CYB 650	Security Governance & Leadership	4
CYB 660	Penetration Testing	4

Note: Students who want to take Cybersecurity courses as electives will need to satisfy all prerequisite requirements for those courses. Two of the prerequisites for the MS Cybersecurity program are part of the MS-ITM prerequisites (ITM 280 and ITM 251), so only ITM 350 will be additionally required. ITM 650 can be substituted for ITM 350 and also count as an elective.

**Total Credit Hours: 32-44**

*Master of Science in Marketing*

The Master of Science in Marketing integrates cutting-edge theory and application to prepare students for successful careers in the marketing field. The degree provides an innovative and specialized academic curriculum while enhancing career skills in marketing. Given the diverse career tracks in marketing, this program allows the flexibility to design a personalized course of study based on individual goals and interests.

*Degree Requirements*

**Prerequisite Courses: (16 credits)**

ACC 500	Essentials of Financial Accounting	2
ACC 501	Essentials of Managerial Accounting	2
FIN 500	Foundations of Finance	2
ECO 500	Microeconomics for Managers	2
ECO 501	Macroeconomics for Managers	2
QMB 500	Statistics for Decision Makers	4
MKT 500	Introduction to Marketing	2

All Business Essentials requirements must be met prior to taking the MS-MKT core. Please see the Business Essentials section for more information.

**Required MS-MKT Courses: (16 credit hours)**

MKT 610	Strategic Marketing Analysis	4
MKT 612	Business Research Methods	4
MKT 614	Professional Selling and Sales Management	4
MKT 700	Marketing Capstone	4



**Elective Courses: Any 4 of the following (14 - 16 credit hours)**

MKT 613	Global Marketing	4
MKT 617	Marketing Analytics	4
MKT 652	Services Marketing and Management	4
MKT 654	Strategic Brand Management	4
MKT 656	Digital Marketing	4
MKT 657	Buyer Behavior	4
MKT 658	Sport Marketing	4
MKT 690	Internship	1-4
MKT 695	Special Topics in Marketing	1-4
MKT 699	Independent Study in Marketing	1-4
ITM 608	Information Systems and Operations Management	4
ITM 615	Data Mining for Business	4

MKT 613: May be substituted with an approved graduate-level College of Business international travel course)

Subtotal: 32

**Total Credit Hours: 30-48**

*Accounting Analytics Certificate*

Students who satisfy the matriculation requirements for the Master of Science in Accounting (MS-ACC) are eligible to pursue an advanced accounting certificate in Accounting Analytics. Credits earned for this certificate can be applied towards earning the MS-ACC.

Candidates must satisfy the matriculation requirements for the Master of Science in Accounting.

*Certificate Requirements***Required courses: (12 credit hours)**

ACC 625	Accounting Research and Analytics	4
ACC 637	Information Systems Advisory and Assurance	4
ACC 657	Advanced Financial Statement Analysis and Valuation	4

**Total Credit Hours: 12**

*Assurance Services Certificate*

Students who satisfy the matriculation requirements for the Master of Science in Accounting (MS-ACC) are eligible to pursue an advanced accounting certificate in Assurance Services. Credits earned for this certificate can be applied towards earning the MS-ACC.

Candidates must satisfy the matriculation requirements for the Master of Science in Accounting.

*Certificate Requirements***Required courses: (12 credit hours)**

ACC 502	Auditing II	4
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ACC 635	Business Ethics and Corporate Governance	4
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ACC 655	Fraud Examination	4
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**Total Credit Hours: 12**

*Business Analytics Certificate*

The certificate in Business Analytics prepares students to apply descriptive, prescriptive and predictive analytics techniques to inform business decisions. These include optimization, decision analysis, network, queuing, time-series, new-product forecasting, demand planning, SQL, and data/text-mining models.

*Certificate Requirements***Required Prerequisite courses: (8 credit hours)**

ITM 505	Database Fundamentals	2
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QMB 500	Statistics for Decision Makers	4
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**Required courses: (12 credit hours)**

ITM 615	Data Mining for Business	4
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QMB 612	Decision Modeling and Analysis	4
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QMB 660	Advanced Forecasting and Predictive Analytics	4
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**Total Credit Hours: 12-20**

*Cybersecurity Certificate*

The University of Tampa Graduate Certificate in Cybersecurity prepares students for careers in the dynamic cybersecurity industry. In this 12-credit hour program we develop a students' knowledge so they can successfully protect information assets for organizations, regardless of industry or business.

We emphasize hands-on learning using the common tools that are typical in the industry to give students a real-world experience. To do this, our program features small class sizes and a cutting-edge cybersecurity lab. We only offer on-campus classes.

The certificate program covers critical topics such as cloud systems security, risk assessment, contingency planning, secure software design, technology governance and security leadership.

Several of the courses are designed to cover the top professional certifications in the industry. For instance, we have integrated content from the Certified Information System Security Professional (CISSP) exam into several of our courses. As a benefit of the program, graduates will find themselves well prepared to take many of these certification exams.

Other cybersecurity graduate programs are available. Students may consider a full Master of Science in Cybersecurity or an MBA concentration in cybersecurity.

*Certificate Requirements***Required Prerequisite courses: (8 credit hours)**

CYB 501	Fundamentals of Information Security	
QMB 500	Statistics for Decision Makers	4

**Required courses: (8 credit hours)**

CYB 601	Computer and Internet Security	4
CYB 620	Risk Assessment & Contingency Planning	4

**AND one of the following (4 credit hours)**

CYB 610	Cloud Systems Security	4
CYB 640	Secure Software Design	4
CYB 650	Security Governance & Leadership	4

**Total Credit Hours: 12-20***Effective Project Management Certificate*

The certificate in Effective Project Management prepares students to sit for the Certified Associate Project Manager (CAPM) and the Project Management Professional (PMP) certifications administered by the Project Management Institute (PMI).

Students learn concepts of leadership and change, information systems and operations management, and project management knowledge areas and processes, with emphasis on teamwork, tools and techniques to effectively manage projects while satisfying scope, time, cost and quality constraints.

*Certificate Requirements***Required Prerequisite courses: (4 credit hours)**

QMB 500	Statistics for Decision Makers	4
QMB 500 is only a prerequisite for ITM 608 and ITM 614		

**Required courses: (12 credit hours)**

ITM 608	Information Systems and Operations Management	4
ITM 614	Effective Project Management	4
MGT 602	Leadership and Organizational Behavior	4

**Total Credit Hours: 12-16***Entrepreneurship Certificate*

This certificate program provides students with the opportunity to gain skills associated with success in entrepreneurship in any context. Available to anyone who meets the requirements of entrance into the Master of Science in Entrepreneurship at The University of Tampa, this program can also be added while currently enrolled in other degree programs. In this program, students gain an overview of the new venture creation process, learn techniques for idea generation and opportunity recognition, and how to build a viable business model for any new business concepts.

Candidates must satisfy the matriculation requirements for the Master of Science in Entrepreneurship.

*Certificate Requirements***Required courses: (12 credit hours)**

ENT 610	Preparing for the Entrepreneurial Journey	4
ENT 620	Creativity and Innovation for Entrepreneurs	4
ENT 630	Selecting and Developing a Business Model	4

Subtotal: 12

**Total Credit Hours: 12***Nonprofit Management Certificate*

In the certificate track, students complete the four courses and receive graduate-level credit. Upon completion, students receive a Certificate in Nonprofit Management. Applicants are required to have a four-year undergraduate degree or academic equivalent.

This certificate program is offered in partnership with the Nonprofit Leadership Center. The courses are delivered as intensive cohort-based, one-week seminars.

*Certificate Requirements***Required courses:**

ACC 650	Nonprofit Management: Financial Management	3
MGT 650	Nonprofit Management: Thinking Strategically	3
MGT 659	Nonprofit Management: Leadership and Innovation	3
MKT 650	Nonprofit Management: Marketing, Research and Communication	3

**Total Credit Hours: 12***Predictive Analytics Certificate*

The certificate in Predictive Analytics prepares students to apply predictive analytics techniques to inform business decisions. These include machine learning (SQL and Python), classification, clustering, ensemble, forecasting and text mining models.

*Certificate Requirements***Required Prerequisite courses: (6 credit hours)**

ITM 505	Database Fundamentals	2
QMB 500	Statistics for Decision Makers	4

Note: ITM 505 may be taken with ITM 617 and QMB 500. QMB 500 is a prerequisite for ITM 615 and QMB 660, and may be taken with ITM 617.

**Required Courses (12 Credit Hours)**

ITM 615	Data Mining for Business	4
ITM 617	Machine Learning for Business Analytics	4

QMB 660	Advanced Forecasting and Predictive Analytics	4
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**Total Credit Hours: 12-18***Taxation Certificate*

Students who satisfy the matriculation requirements for the Master of Science in Accounting (MS-ACC) are eligible to pursue an advanced accounting certificate in Taxation. Credits earned for this certificate can be applied towards earning the MS-ACC.

Candidates must satisfy the matriculation requirements for the Master of Science in Accounting.

*Certificate Requirements***Required courses: (12 credit hours)**

ACC 553	Federal Taxation II	4
ACC 654	Federal Taxation III	4
ACC 680	Contemporary Issues in Accounting	4

**Total Credit Hours: 12***Graduate Study in the College of Natural and Health Sciences*

The College of Natural and Health Sciences offers rigorous, high quality curricula designed to prepare students for the challenges and opportunities that exist in today's world. The college is home to the Master of Science in Nursing (MSN) program and the Master of Science in Exercise and Nutrition Science (M.S.-ENS).

Each department emphasizes the importance of hands-on learning. From campus laboratories to medical offices, students in the college are able to gain valuable experience that reflects the ethos of the University, which is "learning by doing, doing to learn." Students are encouraged to develop relationships with their peers and their professors to gain a more intrinsic understanding of the subject matter, preparing them for a promising career path.

*Mission Statement*

The College of Natural and Health Sciences serves the people of Florida and the national and international community through a strong commitment to its students in the disciplines offered within the College by providing high quality undergraduate and graduate education.

UT faculty and students embrace the analysis and application of knowledge and professional skills through the use of critical thinking and the generation of new knowledge by supporting the pursuit of the highest quality research as an integral part of the college's mission. The education and development of lifelong learners is encouraged, placing a priority on mentoring, interactive and experiential learning, and partnerships with students in scholarship.

The College offers foundational undergraduate and graduate education and professional preparation in

order to prepare students to become productive citizens and future leaders in the community.

*Graduate Retention Standards*

CNHS graduate students must have a minimum 3.0 GPA in both their required courses and a cumulative 3.0 GPA to graduate. Additional retention standards may apply for each graduate degree offered by the College (see the respective degree for detailed retention requirements).

*Doctor of Nursing Practice*

The Doctor of Nursing Practice program prepares experts in specialized advanced nursing practice. The program prepares DNP students in one of three tracks:

- the Advanced Practice Nurse NP track will allow students to design, implement, and evaluate evidence-based disease management care and/or to coordinate acute and chronic illness care for individuals and populations.

- the Leadership in Population Health track will allow students to develop advanced understanding of population health and learn to propose, plan, and evaluate models of care. Builds on foundational principals of leadership to prepare students for the complex issues faced by the health care leaders of today.

- the Educational Leadership in Clinical and Academic Nursing track will allow students to develop advanced understanding of instructional methods in nursing education, and assessment and evaluation in nursing education. Builds on foundational principals of nursing education leadership to prepare students for the complex issues faced by the nurse educators of today.

The DNP program requires a minimum of 1000 practicum hours. 500 verified practicum hours from MSN program can count towards the required 1000 hours.

The Department of Nursing offers programs at the baccalaureate, master's, and doctoral degree levels. For more information, contact the Department of Nursing at (813) 253-6223 or see [www.ut.edu/nursing](http://www.ut.edu/nursing).

The baccalaureate degree program in nursing, the master's degree program in nursing, and the post-graduate APRN certificate programs at the University of Tampa are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 745, Washington, DC 2001, 202-887-6791.

The Department of Nursing has submitted an application for DNP program accreditation with CCNE for 2022. Applying for accreditation does not guarantee accreditation will be granted.

## Department of Nursing Mission Statement

The primary mission of the Department of Nursing is to offer programs of study in nursing science at the baccalaureate, masters and doctoral level that prepare graduates from entry into professional nursing practice to advanced levels of nursing practice and knowledge. Through clinically relevant teaching, learning, research and active application of evidence-based practice, students are prepared to practice competently as providers and managers of care, and members of the profession in a complex, diverse, and evolving healthcare environment.

The Department of Nursing shares the commitment of the College of Natural and Health Sciences and the University to teaching, research, and service; preparing each student as a life-long learner and as a health professional providing quality, safe, evidence based and compassionate health care to the citizens of Florida, the nation, and the global community.

## Faculty

Associate Professor Botwinski, Director/Chair Department of Nursing; Associate Professor Berg, MSN Program Director; Associate Professor White, BSN Program Director; Associate Professor Parsons, DNP Program Director; Associate Professors D'Alesandro, Delacroix; Assistant Professors Bryant, Ernewein, , Pedroff, Sassatelli, Umberger; Professor of Instruction I Culp, Director of Nursing Skills and Simulation Lab, Royal; Lecturer I Cole, Coleman, Franks, Lewis, Llerena, Moyer, Snow.

## Admission Standards

Admission to the DNP program is competitive. Those who meet stated requirements are not guaranteed admission. Nor are those who fail to meet all of the requirements necessarily precluded from admission if they offer other appropriate strengths.

**Doctor of Nursing Practice Guaranteed Admission**  
Students and alumni who have earned the MSN from UT with a minimum grade point average of 3.0 will be guaranteed admission to the Doctor of Nursing Practice program provided other stated requirements are satisfied.

The application fee, personal statement, documentation of clinical hours and one-year clinical practice requirements are waived. Students who graduated within the last five years are exempt from submitting letters of recommendation. Those who graduated more than five years ago must submit one letter of recommendation. All other admissions requirements apply.

The guaranteed admission opportunity recognizes the

exceptional quality of UT's academic programs, and the University's mission to support continuing education and professional growth.

## General Admission Requirements

- Completed application.
- Master's degree with a Major in Nursing from an ACEN, CCNE or CNEA accredited school of Nursing.
- For APN track - National certification as a nurse practitioner; this certification must remain current throughout the program.
- Official transcripts from all post-secondary institutions of education.
- Completion of the following Master's level nursing courses with a B or better. Courses in which a grade below B were received will need to be repeated before starting the DNP program
- Advanced Pathophysiology
- Advanced Pharmacology
- Advanced Physical Assessment
- Documentation or letter from the previously completed master's program indicating the number of clinical (practicum) hours completed in the nursing master's program. A documented minimum of 500 hours is required for APN track.
- A minimum cumulative GPA of a 3.0 in the previously completed nursing master's program.
- Current resume or curriculum vitae indicating employment experience in advanced nursing practice for at least one year.
- Three letters of recommendation from academic and professional references: one must be from a professor holding a doctorate from the previously completed master's program.
- Personal statement of professional goals and how admission to the DNP program will facilitate applicant's professional goals (APA format, 500-800 words).
- Copy of current licensure: APN-NP track requires a Florida APRN license; Leadership (Population Health and Nursing Education) tracks require RN license from Florida or a multi-compact state license.
- Background check (completed upon admission).
- Current American Heart Association Healthcare Provider CPR; Certification must remain active throughout the program.
- Proof of professional liability insurance; professional liability insurance must remain active throughout the program.

**Full Admission**

For full admission, applicants must have achieved the following:

- Negative drug screening and background check

**Advising**

Each student will be assigned to a nursing faculty member for advising purposes pertaining to course planning, academic performance, practicum placement and professional guidance. For matters related to registration, withdrawal and other academic issues, students should contact their advisor in the Office of Graduate and Continuing Studies.

**Residency Requirement**

Three on-campus residency experiences are mandatory. These residencies occur at the beginning, middle, and end of the program. The dates for the residencies are available on the nursing website. The residencies are required to attend the DNP program.

**Transfer Credits**

DNP students transferring to UT from other institutions must meet the graduate studies transfer guidelines of UT. The DNP Program Director will evaluate the courses taken at other institutions for comparability to UT curriculum requirements. Transfer credit will be accepted at the discretion of the DNP Program Director in accordance with the DNP curriculum requirements. Only credit earned with grades of "B" or better will be considered for transfer. Graduate courses completed more than seven years ago will not be accepted in transfer. A maximum of nine graduate-level credit hours may be taken at other regionally accredited institutions, equating to less than one third of the 30 credit hours required for DNP program completion.

**Student Organizations**

In addition to student organizations at The University of Tampa, nursing students have access to several professional and honorary organizations. DNP students are also encouraged to join the Tampa Bay Advanced Practice Nursing Council (TBAPNC). The Delta Beta Chapter-at-Large of Sigma Theta Tau International Honor Society of Nursing was founded in 1980 at the University of South Florida and re-chartered in 2000 to include The University of

Tampa. Delta Beta sponsors an annual research program, provides opportunities for scholarships and research grants and promotes scholarly work in the community.

**Nursing Student Handbook**

Additional information about the DNP program can be found in the Department of Nursing DNP Student Handbook which can be found on the DNP Student Blackboard site. Policies and procedures in the handbook may exceed those outlined in this catalog. See the handbook for further details.

**Program and Course Requirements**

Satisfactory completion of the DNP curriculum requires a minimum of 30 credit hours of graduate work.

DNP students must obtain a grade of "B" or higher in each course in order to progress in the program.

DNP students cannot earn more than one grade below a "B." If they do, they can repeat up to one course, but the original grade will not be removed from their academic record. A second grade below "B," regardless of grades in repeated courses, will result in academic dismissal. Students may withdraw from one course for academic reasons. Withdrawal from a second course for academic reasons will result in dismissal. No grade below "B" will be accepted toward the DNP degree.

A student is allowed seven years from the time graduate work begins, whether at UT or elsewhere, in which to complete the degree. Under certain circumstances, the student, with approval from the director, may retake outdated courses.

*Degree Requirements***Required DNP Courses:**

	All DNP students take:	
NUR 700	Introduction to DNP Role & Clinical Inquiry	1
NUR 701	Clinical Epidemiology for APNs	3
NUR 702	APN Care of At-Risk Vulnerable Populations	2
NUR 703	Research Translation for APN Clinical Practice	3

NUR 704	Healthcare Informatics and Information Systems for APN Clinical Practice	3
NUR 705	Healthcare Leadership and Management for APNs	3
NUR 706	DNP Project I: PICOT	2
NUR 707	Health Policy and Advocacy for APN Clinical Practice	3
NUR 708	DNP Project II: Project Plan	2
NUR 710	DNP Project III: Implementation Phase	3
NUR 711	DNP Project IV: Evaluation and Dissemination	2
One of the following required:		
NUR 709	Genomics and APN Clinical Practice	3
NUR 720	Leadership in Changing Healthcare Environments	3
NUR 730	Nursing Education in 21st Century Nursing Education	3

**Subtotal: 30**

Total DNP PRACTICUM HOURS for APN track: 504\*  
 Total DNP PRACTICUM HOURS for other tracks will vary depending on practicum hours obtained in their MSN program.

\*A minimum of 1000 practicum hours are required to graduate. 500 verified practicum hours from MSN programs can count towards the required 1000 hours. NUR 706, NUR 708, NUR 710, NUR 711, NUR 720, NUR 730. These courses each require practicum hours.

Subtotal: 30

*Graduation Requirements*

- Completion of all course work including the scholarly project within 7 years of enrollment.
- Successful completion of a minimum of 30 credit hours of doctoral level work.
- Completion of all courses with a grade of “B” or higher, or satisfactory where applicable.
- Cumulative GPA of 3.0 or greater in the DNP program.
- Completion of practicum requirements (1000 hours) of which 500 verified practicum hours from MSN program can count towards the required 1000 hours.
- Students complete four practicum components associated with the DNP Project Development courses which offer mentored opportunities to identify, develop, implement, evaluate and disseminate the independent, analytical scholarly project.
- Each course assumes the synthesis of knowledge gleaned from previous and concurrent DNP courses and the unique practice expertise of the DNP student.

- The practicum hours are incorporated into the DNP Project I-IV courses. During these four courses, the student is expected to practice a minimum of 504 hours in an area related to their practice inquiry. More practicum hours may be required if student comes in with less than 500 hours from their MSN program.
- The DNP nursing advisors and NP practicum/preceptor liaison are available to facilitate the practicum process. Students should expect to travel to practicum sites.
- Orientation to practicum experiences and responsibilities will be provided during the on-campus residency period.
  - Successful completion of DNP portfolio
- Each student will be required to develop an E-portfolio that serves as a repository for evidence of completion of program learning outcomes. The portfolio will showcase the student’s work and will demonstrate achievement of all program outcomes and competencies, including work related to individual courses, as well as project-related work.
- Instructions for developing and maintaining the portfolio will be provided at the beginning of the program during the initial residency requirement.
  - Successful completion of residency requirements.
 The required residency will be structured to promote the formal and informal exchanges that are fundamental to the doctoral learning process. Students will attend three on-campus residency seminars during their course of study.
- Residency #1 will provide an introduction to UT student service and the online delivery format with training by library, instructional and information technology support staff. Students will also receive training on using databases for literature searches. The orientation session will also emphasize the importance of students getting to know each other, and creating a sense of community. Students are also oriented to the DNP handbook, program and graduation requirements. Open discussion to address questions.
- Residency #2 serves as the transition between year 1 and 2 to provide face-to-face instruction on scholarly project proposal presentation, discuss PICOT development and literature review and advisor meetings.
- Residency #3 will occur during the last semester. Students will present their final scholarly project to the cohort, faculty, and practice partners.
  - Successful completion of scholarly project requirements

- DNP students are required to complete a clinical scholarly project in order to meet the program's requirement and be eligible for graduation.
- The DNP Scholarly Project is not intended to be a research study (dissertation), but a research translation project. The project brings together the practice and scholarship aspects of the Doctor of Nursing Practice degree. It is designed to address complex practice issues that affect groups of patients, health care organizations, or health care systems utilizing informatics, technology, and in-depth knowledge of the clinical and behavioral sciences.
- The theme of all DNP scholarly projects is the use of evidence to improve either practice or patient outcomes.
- The clinical scholarship required in the DNP Scholarly Project reflects mastery and competency in the student's area of expertise. Examples of the acceptable types of projects are: 1) system modification for quality improvement processes, 2) information technologies applied in the health care setting to improve health outcomes, 3) health care delivery innovations, 4) analysis and application of a health care policy, 5) health education program with consumer or professional teams, 6) elements of a clinical practice guideline in the health care setting.

### *Master of Athletic Training*

Please note: The Master of Science in Athletic Training program is planning to enter the first cohort of students in Summer 2024. Specific admissions processes will be available in Summer or Fall of 2023.

#### Procedures for Verification of Prerequisite Course Completion:

1. All prerequisite courses must be completed prior to matriculation into the program which occurs in the summer semester of professional year 1 (PY1).
2. Applicants must indicate in ATCAS which course(s) on their official transcript(s) fulfill the prerequisite requirement. Verification of course completion occurs via ATCAS review.
3. Should the title of the course vary significantly from the course list provided in admissions material (e.g., Biomechanics instead of Kinesiology), the MSAT admissions committee will request a copy of the course description and/or course syllabi to verify the focus of the course.
4. If a student has a pre-requisite course "in progress" at the time of application, they may be admitted contingent upon completion of the course. Matriculation into the professional program will depend upon completion verification via an official transcript submitted to the Office of Graduate Admissions.

#### Admission Requirements

1. 3.0 prerequisite GPA, no less than a "C" in prerequisite courses, and must be completed at a regionally accredited institution

1. If a pre-requisite course has been retaken, the highest grade will be utilized for the prerequisite GPA calculation.
2. Prerequisite courses greater than 10 years from the date of graduation (degree during which prerequisites were completed) will not be accepted
3. 3.0 GPA in last 60 credit hours
4. A minimum grade of C or better in the following courses. No more than one (1) course may be in progress at the time of application and admission is contingent upon completion.
  1. General Biology with lab
  2. Human Anatomy with lab (can be combined anatomy & physiology 1 w/lab)
  3. Human Physiology with lab (can be combined anatomy & physiology 2 w/lab)
  4. General Chemistry with lab
  5. General Physics with lab
5. A minimum grade of C or better in the following courses. No more than two (2) courses may be in progress at the time of application and admission is contingent upon completion.
  1. Exercise Physiology
  2. Nutrition
  3. General Psychology
  4. Kinesiology
  5. Statistics
6. Two (2) recommendations from individuals who can attest to the applicant's ability to succeed in a graduate health professions program (completed through ATCAS).
7. Successful completion of an interview with the MSAT Admissions Committee (invitation only).

The Master of Science in Athletic Training program at The University of Tampa aims to develop the student as a responsible, compassionate healthcare professional with a belief in clinical excellence and lifelong learning. By educating and challenging dedicated students through rigorous academic and diverse clinical experiences to develop excellence in healthcare, the athletic training program will exemplify the balance of learning by thinking and learning by doing throughout the curriculum, both in the classroom and in clinical education experiences. Using a medical-based education model, athletic training students are educated to provide comprehensive patient care in five domains of clinical practice: prevention and wellness promotion; clinical assessment and diagnosis; immediate and emergency care; therapeutic intervention; and health care administration and professional responsibility. Along with formal didactic education, the faculty will challenge the students to develop their skills in clinical reasoning, with the capability to integrate theoretic and practical educational components in clinical practice as they prepare to become skilled and confident entry-level athletic trainers who make a positive contribution to society in healthcare. Furthermore, our mission is to provide personalized education to diverse learners through a wide variety of individualized clinical opportunities.

Athletic trainers are highly qualified, multi-skilled healthcare professionals who work as part of a collaborative health care team. Athletic trainers

provide their services in primary care, injury and illness prevention, wellness promotion and education, emergent care, clinical examination and diagnosis, limitations, and restrictions in participation of societal roles. The entry-level athletic trainer is a multi-faceted, well-rounded healthcare practitioner who should recognize the diversity of practice settings and roles to respond to societal needs. Graduates are expected to demonstrate the highest ethical standards in practice, exhibit cultural sensitivity, participate in professional associations, and be active in advancing knowledge and providing service and education in their communities. therapeutic interventions for injuries and medical conditions, under the direction of or in collaboration with a physician, in accordance with their education, training and the state's statutes, rules and regulations. The athletic training profession is evolving in conjunction with healthcare. Athletic training encompasses the prevention, diagnosis, and intervention of emergency, acute, and chronic health conditions affecting body structures, activity limitations, and restrictions in participation of societal roles. The entry-level athletic trainer is a multi-faceted, well-rounded healthcare practitioner who should recognize the diversity of practice settings and roles to respond to societal needs. Graduates are expected to demonstrate the highest ethical standards in practice, exhibit cultural sensitivity, participate in professional associations, and be active in advancing knowledge and providing service and education in their communities.

**\*Admissions Criteria:**

- 3.0 prerequisite GPA, no less than a "C" in prerequisite courses, and must be completed at a regionally accredited institution
- If a pre-requisite course has been retaken, the highest grade will be utilized for prerequisite GPA calculation
- Prerequisite courses greater than 10 years from the date of graduation (degree during which prerequisites were completed) will not be accepted
- 3.0 last 60 credit hours GPA

**Pre-requisites:**

The CAATE accreditation standards require that programs will have admissions prerequisite coursework in biology, chemistry, physics, psychology, anatomy, and physiology. In addition, professional program content must incorporate foundational knowledge in statistics, research design, epidemiology, pathophysiology, biomechanics and pathomechanics, exercise physiology, nutrition, human anatomy, pharmacology, public health, and healthcare delivery and payor systems. This foundational knowledge can be required as prerequisite knowledge or as part of the professional program.

**Required Pre-requisite Courses:**

- One general biology course with lab (4 hrs)
- Two human anatomy and physiology courses with lab (can be one semester anatomy and one semester physiology, or combined anatomy and physiology courses) - (8 hrs)
- One general chemistry course with lab (4 hrs)
- One general physics course with lab (4 hrs)
- One exercise physiology course with lab (3 hrs minimum)
- One general psychology course (4 hrs)
- One general nutrition course (3 hrs

minimum)

- One kinesiology course (3 hrs minimum)
- One statistics course (not a lab science); may be met by educational, psychological or biostatistics courses (3 hrs minimum)

\* Please note: The Master of Science in Athletic Training program is planning to enter the first cohort of students in Summer 2024. Specific admissions processes will be available in Summer or Fall of 2023.

***Degree Requirements***

**Required Courses:**

ATT 501	Foundations of Practice in Athletic Training	3
ATT 502	Acute and Emergency Care in Athletic Training	3
ATT 503	Introduction to Clinical Interventions	2
ATT 515	Clinical Practicum I	2
ATT 520	Clinical Inquiry I	1
ATT 571	Clinical Examination & Diagnosis I	4
ATT 573	Therapeutic Interventions I	4
ATT 620	Clinical Inquiry II	1
ATT 621	Clinical Inquiry III	1
ATT 622	Clinical Inquiry IV	1
ATT 625	Clinical Practicum II	3
ATT 630	Enhancing Performance in Movement and Sport	3
ATT 635	Clinical Practicum III	3
ATT 640	Health Care Administration and Quality Improvement I	2
ATT 641	Health Care Administration and Quality Improvement II	2
ATT 642	Psychosocial Issues in Clinical Practice	2
ATT 645	Clinical Practicum IV	3
ATT 651	Seminar in Athletic Training I	1
ATT 652	Seminar in Athletic Training II	1
ATT 655	Supervised Clinical Education I	4
ATT 665	Supervised Clinical Education II	3
ATT 670	Medical & Surgical Conditions in Athletic Training	3
ATT 672	Clinical Examination & Diagnosis II	4
ATT 673	Clinical Diagnosis & Management of Non-Orthopedic Conditions	3
ATT 674	Therapeutic Interventions II	4

**Subtotal: 63**

Subtotal: 63

***Master of Physician Assistant Medicine***

The University of Tampa's Physician Assistant Medicine program awards a Master of Physician Assistant Medicine (MPAM) degree. Students will engage in full time study for seven semesters (27 months). The program will follow the traditional medical model of training to include a didactic phase followed by clinical rotations.

After graduation from the program, the graduate must apply for state physician assistant professional licensure in the state they wish to practice. Current entry requirements in all states are to graduate from an ARC-PA accredited program and pass the National Commission on Certification of Physician Assistants (NCCPA) certification examination. Graduation from the UT PA program does not guarantee or confer professional licensure or certification status.



For additional information on how this program prepares students for professional licensure, please visit: PAM disclosure.

#### Accreditation Information:

The ARC-PA has granted Accreditation-Provisional status to The University of Tampa's physician assistant medicine program. Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA standards or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the standards as it prepares for the graduation of the first class (cohort) of students.

Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class.

#### Department of Physician Assistant Medicine Mission Statement

The mission of UT's physician assistant medicine program is to engage in collaborative training to develop competent medical providers from diverse backgrounds who provide quality medical care to their community.

Faculty: Associate Professor Yealy, Chair/Program Director; Professor Doran; Associate Professors Belote; Assistant Professors Cozzitorto, Feldman, Kaczmarek, Klaiber, Mularoni, Sereda

#### Admission:

- The admission process is highly selective. Applicants are considered for an interview if they meet the minimum GPA requirements (3.0 prerequisite and 3.0 last 60 credit hours GPA), and if

they demonstrate at least two of the following program admission preferences listed below:

- Direct patient care experience characterized as moderate or high level
- Direct patient care experience > 750 hours
- Work experience or research hours > 500 hours
- Community service/mission work > 250 hours
- Leadership activities > one year
- Graduate degree earned in any discipline
- Military service (veterans must have an honorable or entry-level discharge)
- UT alumni
- First generation college student
- Personal interviews are offered to the most qualified individuals and are required for admission.

#### Application/Timeline:

- Apply through CASPA (Centralized Application Service for Physician Assistants) between May and September.
- Interview and notification of acceptance between January and February.
- Rolling admissions interviews will begin in the early Summer.

#### Minimum GPA/Academic Standards:

- Minimum last 60 credit hour GPA: 3.0
- Minimum pre-requisite GPA: 3.0

#### Admission Exam Requirement:

##### 1. PA-CAT

#### Degree Requirements:

- A completed baccalaureate degree from a regionally accredited institution, or an equivalent institution as determined by The University of Tampa, is required before matriculation into the program.

#### Prerequisites:

- Students must earn a "C" or better in prerequisite coursework.
- Required prerequisite science courses (must include labs):
  - Two general biology with lab (may substitute Biology II with Genetics, Immunology, Virology, Cell Biology or Biochemistry\*)
  - One microbiology with lab
  - Two human anatomy and physiology with lab (can be one semester anatomy and one semester physiology or combined A&P courses)
  - Two general chemistry with lab (may substitute Chemistry II with Biochemistry\* or Organic Chemistry)
  - One statistics (not a lab science)

\*May not double dip Biochemistry and count it for two separate prerequisites

- The following recommended supplemental courses assist students in the academic transition to the physician assistant medicine program curriculum. No preference is given,

- Medical terminology
- Biochemistry
- Genetics
- Organic chemistry
- Statistics (can be met by completion of educational/psychology or biostatistics)

#### Direct Patient Care Experience:

- Direct patient care is not required; however, competitive applicants will have a minimum of 750 hours of hands-on patient care experience.
- Preference will be given to applicants having direct patient care experience that is in the moderate/high category.

#### PA Observation/Shadowing:

- PA observation/shadowing is not required.

#### Transfer or Advanced Standing:

- Matriculates may not transfer credits or courses from another PA program or school.
- There is no mechanism for entering the program with advanced standing.
- All students MUST complete all components of the program as full-time students.

#### Technical Standards:

The technical standards set forth by UT's PA program establish the essential qualities considered necessary for students to achieve the knowledge, skills and competencies of an entry-level physician assistant. The following essential function requirements must be met by all students after acceptance in order to enroll in or complete the PA program. Following their acceptance into the PA program, students are required to verify that they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

1. **Observation:** Students must be able to observe demonstrations and experiments required by the PA curriculum and be able to participate in such with adequate vision and other sensory modalities, including the senses of hearing and smell. A student must be able to observe a patient accurately at a distance and close at hand.
2. **Communication:** Students must be able to speak intelligibly and to hear sufficiently to affect an adequate exchange of information with patients, family members and other health professionals. A student must be able to read and write English effectively in order to fulfill academic requirements and to maintain accurate clinical records on patient care. **Motor:** Students are required to possess motor skills sufficient to elicit independently information from patients by palpation, auscultation, percussion and other manually based diagnostic procedures. Students should be able to conduct laboratory tests (urinalysis, CBC, etc.), carry out diagnostic procedures (paracentesis, etc.) and provide basic medical care (clearing the airway, placing catheters, controlling bleeding, simple obstetrical maneuvers, etc.) in the general care environment, and coordinate fine and gross muscular movements to treat patients in emergency situations. Emergency situations include any circumstance in which a patient experiences either a physical or a mental medical event requiring immediate remedy.
3. **Intellectual-Conceptual, Integrative and Quantitative Abilities:** These abilities include an aptitude for rapid problem solving, the capability to access and interpret medical files independently, evaluate physical examinations, and formulate a logical diagnosis and effective medical treatment plan. Students must possess good judgment in patient assessment and the abilities to incorporate new information, comprehend three-dimensional relationships and retain and recall pertinent information in a timely fashion.
4. **Behavioral and Social Attributes:** Students must possess the physical and emotional health required for the application of his/her intellectual abilities and the employment of sound judgment in an appropriate and prompt manner. Students must be able to function effectively under physically taxing workloads, and in times of physical and mental stress. Students must display compassion, sensitivity and concern for others, and maintain professional integrity at all times.

These five areas of skills are the minimum attributes required of applicants for admission to the PA program and of students who are candidates for graduation. The PA program is committed to meeting the special needs of students within established legal and institutional guidelines. However, the integrity of the PA curriculum, and the required mental and physical capabilities to fulfill the obligation of that education, must be sustained. Therefore, the program has set the following as disqualifying for admission: the inability to complete the skills required for certification in BLS, ACLS, and PALS and the inability to complete a head-to-toe physical examination within the allotted time. Applicants are encouraged to consider these requirements when applying to the program.

Advising:

Each student will be assigned to a physician assistant faculty member for advising purposes pertaining to course sequencing, academic performance, and professional guidance. For matters related to registration, withdrawal and other academic issues, students should contact the Program Director and their advisor in the Office of Graduate and Continuing Studies.

**Student Organization:**

In addition to student organizations at UT, PA students have access to several professional and honorary organizations. These will be reviewed during orientation

**PA Student Information:**

More information about the PA program can be found on the PA program website, where all student policies are located: <https://www.ut.edu/graduate-degrees/physician-assistant-medicine-program/program-policies>.

**Program and Course Requirements:**

Satisfactory completion of the MPAM program requires the student to complete the 112 hour credit program in the sequence outlined by the program.

To successfully complete the program and be recommended for graduation the student must: complete the program of study with a minimum of a 3.0 GPA and no course grade below "C"; demonstrate adherence to the AAPA Code of Ethics and UT PA Standards of Professional Conduct; and participate in all program required events, pass the graduation seminar course and meet all other UT graduation requirements.

Students may not withdraw from a single course or semester due to academic reasons. Students may request an excused absence for personal (non-academic) circumstances.

Students will be placed on academic probation for the following reasons: semester cumulative GPA less than 3.0, remediation of a course the preceding semester, failure of a clinical phase course/rotation, two or more final course grades of "C" or a score of "1" on any category of the didactic professionalism assessment.

Students are not allowed to repeat didactic phase courses in which they have earned a failed grade and a course failure will result in deceleration or dismissal. Students may remediate didactic courses in which they are failing (before the end of the term) to convert their final score to a passing grade. A maximum of two didactic course remediation attempts may occur before the student must decelerate or be dismissed.

Students are allowed to repeat clinical phase courses, but they will be repeated after the completion of the seventh semester resulting in a delayed graduation and additional tuition. Students may retake a maximum of two rotations during the clinical phase without deceleration (if there have been no didactic remediation attempts).

A student is allowed seven years from the time

graduate work has begun, whether at UT or elsewhere, in which to complete a degree. Under certain circumstances, the student, with approval from the respective program director, may revalidate, by examination, courses that are outdated by the time limit.

The PA curriculum is a lock-step design. Students move through the curriculum as a cohort. During the didactic phase of study, each course must be successfully completed before beginning the next semester of study.

During the clinical phase: if the student fails PAM 624, PAM 625, PAM 710, PAM 711 or PAM 712 they will be required to retake the course the following semester or at the end of the clinical phase (with no delay in graduation). If the student fails PAM 800 they will be required to retake after the course in the spring, resulting in a delayed graduation. If the student fails a clinical rotation, they may be required to delay graduation and retake it the following spring semester.

### *Degree Requirements-Course Study*

#### **Fall 1**

PAM 600	Applied Human Anatomy & Physiology	4
PAM 601	Applied Human Anatomy Lab	2
PAM 602	Applied Medical Science	3
PAM 610	Physical Diagnosis	3
PAM 611	Physical Diagnosis Lab	4
PAM 620	Medical Practice: Professionalism & Ethics	1

**Subtotal: 17**

#### **Spring 1**

PAM 621	Medical Practice: Communication & Patient Education	1
PAM 630	Clinical Medicine I	6
PAM 640	Pharmacotherapeutics I	3
PAM 650	Applied Patient Care Skills I	4
PAM 661	Community Medicine	2
PAM 670	Medical Diagnostics	3

**Subtotal: 19**

#### **Summer 1**

PAM 622	Medical Practice: Evidence Based Medicine	1
PAM 631	Clinical Medicine II	4
PAM 641	Pharmacotherapeutics II	2
PAM 651	Applied Patient Care Skills II	4
PAM 660	Public Health and Preventive Medicine	2
PAM 674	Specialty Medicine I	2

**Subtotal: 15**

#### **Fall 2**

PAM 623	Medical Practice: Legal and Regulatory Issues	1
PAM 632	Clinical Medicine III	6
PAM 642	Pharmacotherapeutics III	3

PAM 652	Applied Patient Care Skills III	4
PAM 675	Specialty Medicine II	3

**Subtotal: 17**

#### **Spring 2**

PAM 624	Medical Practice: Systems Based Practice	1
PAM 700	Family Medicine Rotation	4
PAM 701	Internal Medicine Rotation	4
PAM 702	Pediatric Medicine Rotation	4
PAM 710	Physician Assistant Competencies I	2

**Subtotal: 15**

#### **Summer 2**

PAM 625	Medical Practice: Personal and Professional Development	1
PAM 703	Surgical Medicine Rotation	4
PAM 704	Emergency Medicine Rotation	4
PAM 707	Elective Experience Rotation I	3
PAM 711	Physician Assistant Competencies II	2

**Subtotal: 14**

#### **Fall 3**

PAM 705	Behavioral Medicine Rotation	4
PAM 706	Women's Medicine Rotation	4
PAM 708	Elective Experience Rotation II	3
PAM 712	Physician Assistant Competencies III	2
PAM 800	Graduation Seminar	2

**Subtotal: 15**

Clinical rotations may be taken in any order.

Clinical rotations are completed at healthcare institutions with educational affiliation agreements in place with the UT PAM program. All institutions are in the Midwest Florida area. Orientation to the clinical phase of training will be provided before rotations begin. The clinical director will determine rotation assignments. Students may not solicit or select their clinical rotation sites. Students may request specific elective experiences but are not guaranteed those sites.

Subtotal: 112

**Total Credit Hours: 112**

### *Master of Science in Exercise and Nutrition Science*

The Master of Science in Exercise and Nutrition Science (MS-ENS) prepares students to work in the sport performance industry, government, business and in education as a practitioner on a professional interdisciplinary team. It is for those individuals seeking a terminal degree as well as those students seeking a strong foundation for further study and research. The program of study provides for three entry points throughout the academic year, and courses are scheduled to provide an efficient timeline to degree completion for full-time students. Students are provided experiential learning opportunities both inside and outside of the classroom and will be prepared for both the Certified Sports Nutritionist (CISSN) and Certified Strength and Conditioning Specialist (CSCS) examinations, the premier

certifications in strength and conditioning and sports nutrition, upon graduation if they choose to pursue certification.

Department of Health Sciences and Human Performance

The Department of Health Sciences and Human Performance offers a unique learning environment. The engaged faculty, stimulating coursework and hands-on learning opportunities enable students to be highly competitive in the job market or if pursuing further education in the discipline.

Faculty

Professor Sturgill; Associate Professors Andersen, De Souza, Tamulevicius; Assistant Professor Walters.

Admission Standards

Admission to the program is competitive and requires a baccalaureate degree in a related field, such as health science, nutrition, exercise science or kinesiology from a regionally accredited college or university.

General Admission Requirements

Students may be accepted on a current undergraduate transcript, pending college graduation. All students will be reviewed prior to admission to the program and admitted based on the following criteria:

- Completed application.
- Official transcripts of all previous college work received directly from each institution.
- Two professional reference forms completed by individuals who attest to the applicant's professional background and academic potential.
- Résumé.
- Personal statement.
- Individual interviews are recommended and may be requested.
- Completed bachelor's degree in a related field (health sciences, nutrition, etc).
- Recommended undergraduate GPA of 3.0 or higher.
- Consent to background check if required by a practicum site position.
- Completion of the following pre-requisite courses: Exercise Physiology, Anatomy/Physiology, Exercise Testing and Prescription, Nutrition, Statistics/Research Methods. Only courses with a grade of "C" or better will be accepted.

Students who have not completed pre-requisite coursework will be reviewed and then wait-listed, pending successful completion of pre-requisite coursework.

M.S. in Exercise and Nutrition Science Guaranteed Admission

Students and alumni who have earned a bachelor's degree in an approved area from UT with a minimum cumulative grade point average of 3.0 will be guaranteed admission to the M.S. in Exercise and Nutrition Science provided other stated requirements

are satisfied. The approved undergraduate areas are:

- Human Performance
- Allied Health
- Public Health
- Physical Education
- Athletic Training

The admissions application fee, interview, reference forms and TOEFL requirements are waived. Students must submit a resume' and personal statement and complete the following prerequisite courses with a grade of "C" or better:

- Exercise Physiology
- Anatomy and Physiology
- Exercise Testing and Prescription
- Nutrition
- Statistics or Research Methods

The guaranteed admission opportunity recognizes the exceptional quality of UT's academic programs, and the University's mission to support continuing education and professional growth.

Non-Degree Seeking Students

Students with a related baccalaureate degree may be permitted to take up to two graduate-level courses upon approval by the program director. Non-degree seeking students are permitted to take classes only on a space-available basis, with priority registration going to current degree seeking students. Those interested must apply to the University as a non-degree seeking student. Being granted permission to take classes as a non-degree seeking student does not assure admission into the MS-ENS program. Non-degree seeking students are not eligible for University or federal financial aid. International students are not eligible for non-degree seeking student status.

Post-Master's Admission

A student with a previously earned master's degree may apply for admission to the program with the written permission of the program director.

Advising

Each student will be assigned to the program director or one of the program faculty for advising purposes pertaining to class selection and professional guidance. For matters related to registration, withdrawal and other administrative issues, students should contact their advisor in the Office of Graduate and Continuing Studies.

Program and Course Requirements

Satisfactory completion of the MS-ENS curriculum requires a minimum of 33 credit hours of graduate work, a cumulative GPA of 3.0, and no more than one grade of "C". Students who fall below a 3.0 GPA are placed on academic probation and will have an 8 credit probationary period in which to raise their grades to a 3.0 GPA. Students failing to do so will be dismissed from the program. No grade below a "C" will be accepted towards a graduate degree. Students must earn "Satisfactory" in Satisfactory/Unsatisfactory courses. Any course resulting in a second grade of "C", a grade below a "C", or "Unsatisfactory" must be repeated

for credit, and any course may be repeated only one time.

A student is allowed seven years from the time graduate work begins, whether at UT or elsewhere, in which to complete the degree. Under certain circumstances, the student, with approval from the program director, may retake outdated courses.

### *Degree-Requirements*

#### **Master of Science in Exercise and Nutrition Science Course Requirements List**

ESC 605	Dimensions of Strength Training	3
ESC 607	Exercise and Nutrition Science Theory	3
ESC 625	Exercise and Nutrition Laboratory Techniques	2
ESC 615	Physiology and Energetics of Exercise	3
ESC 617	Current Perspectives in Exercise Science	3
HSC 608	Research Methods in Health Science	3
HSC 618	Professional Issues and the Practitioner	3
HSC 635	Special Topics in Exercise and Nutrition Science	3
HSC 637	Sports Nutrition	3
HSC 627	Sports Supplements and Ergogenic Aids	3
HSC 690	Practicum	1-3
HSC 699	Comprehensive Exam	1
<b>Subtotal: 33</b>		

#### Comprehensive Examination

A written comprehensive examination must be passed by every MS-ENS student to graduate. The exam may be repeated two times. The exam requires students integrate and apply material acquired from all previous courses. The exam can only be taken by MS-ENS students who have successfully completed the required coursework in good academic standing. The exam must be completed in a semester following the last semester of examinable coursework.

#### Practicum Component

The practicum component of the degree is offered in the fall term, 12-week summer term, and the spring term depending upon practicum sponsor availability and student schedules. The practicum provides students experiential opportunities outside of the classroom by working with local, regional and national organizations. The 3 credit hour practicum/internship may be undertaken simultaneously with the student's coursework.

Subtotal: 33

**Total Credit Hours: 33**

### *Graduate Certificate in Sports Nutrition*

The Graduate Certificate in Sports Nutrition prepares students for careers with an interest in sports nutrition. The 9-credit hour program covers topics related to basic sports nutrition, sports supplements, and ergogenic aids, in addition to current perspectives in

nutrition. Completion of the certificate would help to prepare students to take the International Society of Sports Nutrition Certified Sports Nutritionist Exam. Students may also consider a full Master's of Science in Exercise and Nutrition Science.

#### Admission Requirements:

- Completed Bachelor's degree in a related field.
- Recommended 3.0 or above GPA
- Resume and recommendation letters
- Pre-requisite courses: Anatomy/Physiology or Exercise Physiology, Basic Nutrition

### *Certificate Requirements*

#### **Graduate Certificate in Sports Nutrition Course Requirements List:**

HSC 637	Sports Nutrition	3
HSC 627	Sports Supplements and Ergogenic Aids	3
HSC 635	Special Topics in Exercise and Nutrition Science	3
	or	
ESC 607	Exercise and Nutrition Science Theory	3
<b>Subtotal: 9</b>		

Students have a choice to take HSC 635 or ESC 607.  
Subtotal: 9

### *Master of Science in Nursing*

The Master of Science in Nursing program allows the registered nurse to continue their education to become an advanced practice nurse and specialize in one of two concentration areas: adult/gerontology or family nurse practitioner. The baccalaureate degree program in nursing, the master's degree program in nursing, and the post-graduate APRN certificate programs at the University of Tampa are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 745, Washington, DC 2001, 202-887-6791.

The Department of Nursing offers programs at the baccalaureate, master's and doctoral degree levels. For more information, contact the Department of Nursing at (813) 253-6223 or see [www.ut.edu/nursing](http://www.ut.edu/nursing).

Please be aware that successful completion of the MSN program does not confer automatic licensure as an Advanced Practice Registered Nurse. MSN graduates must successfully complete a national certification examination to be eligible for advanced practice licensure in the State of Florida.

For additional information on how this program prepares students for professional licensure, please visit: [MSN disclosure](#).

Department of Nursing Mission Statement

The primary mission of the Department of Nursing is to offer programs of study in nursing science at the baccalaureate, masters and doctoral level that prepare graduates from entry into professional nursing practice to advanced levels of nursing practice and knowledge. Through clinically relevant teaching, learning, research and active application of evidence-based practice, students are prepared to practice competently as providers and managers of care, and members of the profession in a complex, diverse, and evolving healthcare environment.

The Department of Nursing shares the commitment of the College of Natural and Health Sciences and the University to teaching, research, and service; preparing each student as a life-long learner and as a health professional providing quality, safe, evidence based and compassionate health care to the citizens of Florida, the nation, and the global community.

#### Faculty

Associate Professor Botwinski, Director/Chair Department of Nursing; Associate Professor Berg, MSN Program Director; Associate Professor White, BSN Program Director; Associate Professor Parsons, DNP Program Director; Associate Professors D'Alesandro, Delacroix; Assistant Professors Bryant, Ernewein, , Pedroff, Sassatelli, Umberger; Professor of Instruction I Culp, Director of Nursing Skills and Simulation Lab, Royal; Lecturer I Cole, Coleman, Franks, Lewis, Llerena, Moyer, Snow.

#### Admission Standards

Admission to the MSN program is competitive. Every student admitted to the MSN program must have earned a baccalaureate degree from a regionally accredited college or university. At least one year of direct patient care experience within the past five years must be demonstrated.

#### M.S. in Nursing Guaranteed Admission

Students and alumni who have earned the Bachelor's of Science in Nursing (BSN) degree from UT with a minimum grade point average of 3.0 will be guaranteed admission to the Master of Science in Nursing (MSN) program provided other stated requirements are satisfied.

The application fee and TOEFL requirements are waived. UT BSN earners must have a minimum of 6 months of direct patient care RN experience within the past five years instead of a full year. One letter of recommendation is required instead of two. The required prerequisite Nursing courses are satisfied with the UT BSN. A resume' and personal statement and all other admissions requirements apply.

The guaranteed admission opportunity recognizes the exceptional quality of UT's academic programs, and the University's mission to support continuing education and professional growth.

#### General Admission Requirements

- Bachelor's degree from an institution that is nationally accredited by ACEN, CCNE, or CNEA.
- Current licensure as a registered nurse in the state of Florida.
- GPA of 3.0 or higher for the last 60 credit hours completed.
- Completed application with \$40 nonrefundable fee.
- Official college transcripts.
- Résumé.
- Personal statement.
- Two letters of reference (forms are attached to the application, available at [www.ut.edu/msn](http://www.ut.edu/msn)).
- Completion of an undergraduate statistics course, an undergraduate nursing research course and an undergraduate nursing leadership course. Only courses with a grade of "B" or better will be accepted. Students must repeat the course for grades below "B" prior to starting the graduate level courses.
- A minimum of one year of direct patient care experience as a registered nurse within the past five years must be demonstrated.
- Optional: GRE score of 300 and 4.0 in analytical writing.

Note: No Credits taken more than seven years prior to application will be accepted for transfer credit.

Students can be admitted under two categories based on the criteria listed below.

#### Full Admission

For full admission, applicants must have achieved the following:

Bachelor's degree in nursing  
Florida RN license  
Minimum 3.0 GPA  
Pre-MSN Admission\*

For pre-MSN admission, applicants must have achieved the following:

A bachelor's degree in an area other than nursing  
Florida RN license  
Minimum 3.0 GPA  
Four required nursing prerequisites

\*Students who have bachelor's degrees in an area other than nursing are admitted as pre-MSN students and are required to take and complete NUR 322, NUR 415, NUR 432 and NUR 422 prior to starting the graduate-level curriculum. They must also have completed an undergraduate statistics course. Only grades of "B" or better will be accepted. Students may complete pre-MSN courses at another university with the program director's permission provided the Course Approval Form has been completed. Students will be re-evaluated for admission once the pre-MSN courses are completed.

### Non-Degree Seeking Students

Students with a BSN and a valid Florida nursing license may be permitted to take up to two graduate-level nursing courses at the discretion of the program director. Non-degree seeking students are permitted to take classes only on a space-available basis, with priority registration going to current degree seeking MSN students. Those interested must apply to the University as a non-degree seeking student. Being granted permission to take classes as a non-degree seeking student does not assure admission into the MSN program. Non-degree seeking students are not eligible for University or federal financial aid. International students are not eligible for non-degree seeking student status.

### Post-Master's Certificate Admission

A student with a previously earned MSN may apply for admission to the post-master's certificate program to complete requirements for the adult/gerontology primary care nurse practitioner (AGPCNP) or family nurse practitioner (FNP) certificate. Students will be individually evaluated to determine required coursework. There must be evidence from the previous master's program of courses fulfilling UT requirements. Courses taken more than seven years prior to admission will not be applied toward a post-master's certificate.

### Advising

Each student will be assigned to a nurse practitioner (NP) nursing faculty member for advising purposes pertaining to course planning, academic performance, practicum placement and professional guidance. For matters related to registration, withdrawal and other academic issues, students should contact their advisor in the Office of Graduate and Continuing Studies.

### Student Organizations

In addition to student organizations at The University of Tampa, nursing students have access to several professional and honorary organizations. MSN students are also encouraged to join the Tampa Bay Advanced Practice Nursing Council (TBAPNC). The Delta Beta Chapter-at-Large of Sigma Theta Tau International Honor Society of Nursing was founded in 1980 at the University of South Florida and re-chartered in 2000 to include The University of Tampa. Delta Beta sponsors an annual research program, provides opportunities for scholarships and research grants and promotes scholarly work in the community.

### Nursing Student Handbook

More information about the MSN program can be found in the Department of Nursing MSN Student Handbook which can be found on the MSN Student Blackboard

site. Policies and procedures in the handbook may exceed those outlined in this catalog. See the handbook for further details.

### Program and Course Requirements

Satisfactory completion of the MSN curriculum requires a minimum of 42 (adult/gerontology primary care nurse practitioner) or 49 (family nurse practitioner) credit hours of graduate work.

MSN students must obtain a grade of "B" or higher in NUR 618, NUR 618L, NUR 645 and NUR 655 in order to progress in the program. If a student receives a grade below B in any of these four progression barrier courses it is considered a course failure and:

The course must be repeated the next semester (or next time it is offered).

The original grade will not be removed from the student's academic record and both course grades will be reflected on the transcript.

Student must meet with MSN director for counseling and re-design a course plan for remainder of program. When the course is repeated – the course must be taken alone (no other course can be taken with the repeated progression barrier course).

In addition, if the student has any remaining progression barrier courses (NUR 618/618L, 645 or 655) left to take - that course must be taken alone.

No academic withdrawal is allowed with the repeated course – if the student academically withdraws, the student will be academically dismissed and ineligible to return.

If the student would receive another grade below B in any future course (that will be their second) and they will be academically dismissed from program and ineligible to return.

MSN/post-MSN students cannot earn more than one grade below a "B." If they do, they can repeat up to one course, but the original grade will not be removed from their academic record. A second grade below "B," regardless of grades in repeated courses, will result in academic dismissal. Students may withdraw from one course for academic reasons. Withdrawal from a second course for academic reasons will result in dismissal. Students who receive a grade less than a "B" in a practicum course will be required to repeat that course. No grade below "C" will be accepted toward a graduate degree or certificate completion.

A student is allowed seven years from the time graduate work begins, whether at UT or elsewhere, in which to complete the degree. Under certain circumstances, the student, with approval from the director, may retake outdated courses.

### *Degree Requirements*

**Core nursing courses (applies to both concentrations):**

NUR 600	Scholarly and Professional Communication in Nursing	2
NUR 601	Professional Issues and the Nurse Practitioner	3
NUR 618	Advanced Health Assessment and Clinical Reasoning	3
NUR 618L	Advanced Health Assessment and Clinical Reasoning Lab	1
NUR 620	Knowledge Generation and Validation in Advanced Practice	3
NUR 645	Clinical Pharmacology	3
NUR 647	Health Promotion and Disease Prevention for Families and Communities	3
NUR 655	Advanced Pathophysiology	3

**Subtotal: 21**

NUR 600 may be waived for students who receive a GRE score of 300 and 4.0 or higher on the analytical writing section of the GRE.

**Concentration options: Family Nurse Practitioner concentration courses:**

NUR 675	Practicum in Adult Primary Care I	4
NUR 676	Practicum in Older Adult Primary Care	4
NUR 677	Healthcare Management of the Adult Client	3
NUR 680	Healthcare Management of the Older Adult	3
NUR 682	Healthcare Management of Women	3
NUR 685	Practicum in Infants, Children and Adolescent Primary Care	4
NUR 686	Practicum in Women's Primary Care	4
NUR 687	Healthcare Management of Infants, Children and Adolescents	3

**Subtotal: 28**

NUR 675, 676, 685, 686: These courses each require a minimum of 192 hours of supervised practicum practice in a designated facility.

**Concentration options: Adult/Gerontology Primary Care Nurse Practitioner concentration courses:**

NUR 675	Practicum in Adult Primary Care I	4
NUR 676	Practicum in Older Adult Primary Care	4
NUR 677	Healthcare Management of the Adult Client	3
NUR 680	Healthcare Management of the Older Adult	3
NUR 682	Healthcare Management of Women	3
NUR 686	Practicum in Women's Primary Care	4

**Subtotal: 21**

NUR 675, NUR 676, NUR 686: These courses each require a minimum of 192 hours of supervised practicum practice in a designated facility.

NUR 621 Primary Care Procedures (2cr hr) and NUR 625 Business Skills for the Independent Nurse Practitioner (1 cr hr) are elective courses available to both concentration options.

Subtotal: 42-49

**Total Credit Hours: 42-49**

**PRACTICUM EXPERIENCES**

Practicum experiences are required in all concentrations for the graduate nursing program. For the purpose of the FNP and AGNP practicums, primary care sites are identified as ambulatory sites that see patients with acute and chronic illness. These include family and/or internal medicine practices that do primary care, free clinics, health clinics, public health or rural health clinics. Opportunities in specialty care practice are also available. The NP Practicum/Preceptor Liaison and the NP faculty help facilitate the process of obtaining preceptors. Students should expect to travel to practicum sites and practicum sites may be within an 80 mile radius of the University. Orientation to practicum experiences and responsibilities will be provided in the semester prior to starting practicum courses.

*Graduate Study in the College of Social Sciences, Mathematics and Education*

**The following graduate program are offered:**

- Master of Education in Curriculum and Instruction (M.Ed.)
- Master of Education in Educational Leadership (M.Ed.)
- Master of Science in Criminology and Criminal Justice (M.S.)
- Master of Science in Instructional Design and Technology (M.S.)

***Mission Statement***

The College of Social Sciences, Mathematics and Education offers rigorous, high quality graduate curricula in Criminology and Criminal Justice, Curriculum and Instruction, Educational Leadership and Instructional Design and Technology. All programs are designed to prepare students for challenges and opportunities that lie ahead. College faculty are excellent teachers, engaging students in the classroom and beyond. The College continually fosters relationships with governmental, nonprofit and community organizations in the greater Tampa Bay area and elsewhere to provide students with the opportunity to pursue an internship, volunteer or interact with professionals working in their chosen field.

***Graduate Retention Standards***

All graduate students must have a minimum 3.0 GPA in both their required courses and a cumulative 3.0 GPA to graduate. Students who fall below a 3.0 GPA are placed on probation and will have an 8-credit probationary period in which to raise their grades to a 3.0 GPA. Students failing to do so will be dismissed. M.S. and M.Ed. students are eligible for this opportunity only once throughout their academic program. If a student's GPA falls below 3.0 for a second time, she or he will be dismissed. M.S. in Instructional Design and Technology and M.Ed. students who fail to earn a "B" or higher in the first 12 credits of graduate work will be



dismissed. No grade below a “C” will be accepted toward a graduate degree.

### *Advising*

Each student will be assigned to a graduate faculty member for advising purposes pertaining to class selection and professional guidance. For matters related to registration, withdrawal and other academic issues, students should contact the education program advisor in the Office of Graduate and Continuing Studies.

### *Academic Certificates*

Earning the certificate does not guarantee admission into any UT graduate program.

### *Online Development Graduate Certificate*

The University of Tampa's Online Development Graduate Certificate focuses on the design and development of effective, efficient, engaging, and equitable online learning experiences. Learning theories, digital pedagogy, multimedia development, and instructional design knowledge are applied and coupled with training on online development software to create instructional content and assessments for diverse audiences in the corporate sector, higher education, K-12, government, and military. Students who enroll in this graduate certificate program intend to pursue careers as experts in the design, development, implementation, and evaluation of online learning experiences to train, educate, and improve performance in multiple environments.

### *Master of Science in Criminology and Criminal Justice*

The M.S. in Criminology and Criminal Justice program provides students with the theoretical groundwork, research and statistical skills needed to design and evaluate effective public safety policy and practice. The program prepares students for both practitioner and management careers in the fields of law enforcement, corrections, criminal justice management, parole and probation. In addition, students who wish to continue on to doctoral studies will find that the program's thesis option prepares them well for such a path. A student in the graduate program can take up to three courses or twelve semester hours in a semester. For the convenience of the student, courses may be taken in any sequence, with the exception of the thesis, which is taken after a student has completed at least 24 credits of the program. Students cannot register for any thesis credits if their grade point average is below a 3.0 or if they have any grades below a grade of “C” in the program.

#### General Admission Requirements and Documents

The program welcomes applications from individuals who have strong academic records and interest in criminology and criminal justice. To be considered, applicants must meet the following requirements:

- Completed application to the University
  - \$40 application fee
  - Bachelor's degree from a regionally accredited institution
  - Official transcripts for all previous college work received directly from each institution
  - Writing sample indicating evidence of ability to conduct scholarly research, preferably written in the American Psychological Association (APA) style of writing (thesis option applicants)
  - Two professional reference forms from academic and professional sources
  - Personal statement of educational and/or professional goals
  - Personal résumé
- 4 + 1 B.S./M.S. Requirements and Documents**
- The 4 + 1 B.S./M.S. allows UT undergraduate criminology and criminal justice students to fulfill requirements of both the undergraduate and graduate degree programs. Students admitted into the integrated program may begin two courses (limited to 4 credits in each semester) from the M.S. program in the fall and spring of their last two semesters of undergraduate study after having completed 90 credit hours required for senior status. 4 + 1 students cannot enroll in more than 18 credit hours in the fall or spring semesters. 4 + 1 students cannot enroll in a graduate course in a summer session. The two courses replace one elective from Category 2 and one elective from Category 3 in the undergraduate program. These courses are applied to coursework within the major in both the B.S. and M.S. degrees. No graduate-level course can be used to satisfy any undergraduate course that is required in the major. Qualified students enrolled in this option are considered undergraduates until the satisfactory completion of all B.S. requirements. Upon successfully meeting all B.S. requirements, the bachelor's degree is conferred and students are automatically classified as graduate students.
- Interested students should apply during their junior year. A conditional acceptance into the program allows students to register for coursework in the M.S. program pending the meeting of all requirements at the start of their senior year. To be considered, applicants must meet the following requirements:
- Completed 4 + 1 M.S. in Criminology and Criminal Justice application
  - Good standing in UT's criminology and criminal justice major
  - Minimum 90 earned credits with an overall undergraduate GPA of 3.0 out of a possible 4.0
  - Minimum criminology and criminal justice major GPA of 3.25 out of a possible 4.0 in all coursework
  - Junior/senior status with at least 24 earned credits in the criminology and criminal justice major when admitted (Applicants cannot have repeated any

criminology and criminal justice courses for grade forgiveness. Applicant who transfers criminology/criminal justice credits from another institution must have taken at least 16 criminology/criminal justice credit hours at The University of Tampa.)

- Two professional reference forms from academic or professional sources
- Writing sample indicating evidence of ability to conduct scholarly research written in the American Psychological Association (APA) style of writing
- Personal statement of educational and/or professional goals

### **Criminology & Criminal Justice Department's Graduate Retention Standards**

All Department of Criminology & Criminal Justice graduate students must have a minimum 3.0 GPA in both their core and elective courses to graduate. Students who fall below a 3.0 GPA at any time during their enrollment in the program will be placed on academic probation and will have an 8-credit hour probationary period in which to raise their grades to a 3.0 GPA. Students failing to do so will be dismissed. Additionally, if a student's grades are so low that he or she would not be able to raise his or her GPA to a 3.0 during a probationary period, he or she will be dismissed. Students will be eligible for this opportunity only once throughout their academic program. If a student's GPA falls below 3.0 for a second time, he or she will be dismissed. No grade below a "C" will be accepted toward a graduate degree and the student must repeat the course prior to graduation. These retention standards apply to students enrolled in the 4 + 1 program as well.

Any student who received a Conditional Acceptance into the program will be dismissed if his or her GPA falls below 3.0 after his or her first 8 credit hours of coursework. If a conditionally admitted student is successful in his or her first semester, but his or her GPA falls below a 3.0 at any other time during his or her graduate work, he or she will follow the standards as outlined above.

#### **Criminology & Criminal Justice Department's Re-Enrollment Policy**

Students who are academically dismissed from the program as a result of failure to meet the academic standards required for retention or as a result of a violation of the University of Tampa Academic Integrity Policy may apply for re-enrollment after one year of the date on their official letter of dismissal from the Office of Continuing and Graduate Studies. After the one-year period from the time the student had been dismissed, he or she must formally request re-enrollment into the program and provide a justification for consideration for re-enrollment in a letter to the Department of Criminology & Criminal Justice Graduate Coordinator. Within sixty days of the receipt of the letter, the Department Graduate Re-enrollment Review

Committee will review the student's request and notify the student, in writing, of the decision regarding his or her request for re-enrollment. The student must understand that re-enrollment to the program is not guaranteed, and the department has no obligation to provide a student with an explanation of its decision.

A student who is considering making a request for re-enrollment must understand that his or her grades in all previous coursework in the program will remain part of the official transcript for purposes of calculating the student's grade point average. If a student is granted re-enrollment, he or she must attain at least a 3.00 GPA at the end of his or her first semester of re-enrollment to remain in the program. Additionally, the student will remain subject to the university's time limit policy of seven years from the time graduate work has begun to complete the degree.

#### **Transfer Credits**

University policy states that graduate students must earn a "B" or better. For the master's degree, a minimum of 32 credit hours must be earned at The University of Tampa. Exemptions must be addressed in writing to the Graduate Council, c/o the Office of Graduate and Continuing Studies.

The Department of Criminology & Criminal Justice will accept up to four graduate hours of *elective* credits from a nationally accredited institution. Transfer of credits for courses that are considered to be the *core* courses in this program will not be accepted.

Please note that many institutions offer three credit hour courses. Any student who is approved to transfer a three-credit hour course into the program must understand he or she must still obtain 36 graduate credit hours to complete the degree.

#### **Thesis Track Policy**

Students who choose to register for thesis credits must have successfully completed at least twenty-four (24) credit hours. Students cannot register for any thesis credits if their grade point average is below a 3.0 or if they have any grade below a grade of "C" in the program. Any student who chooses to register for thesis credits in his or her last semester of coursework and receives any grade below a "C" at the end of that semester will not be permitted to register for thesis credits in a subsequent semester until the course is repeated and a grade of "C" or above is earned.

Students will be required to submit an electronic version of their completed thesis to the Macdonald-Kelce Library for inclusion in the digital repository, which is accessible on the Internet. Students may choose to release the work for immediate access worldwide or choose embargoes restricting access of full text to only The University of Tampa community for 1 or 2 years, before the work is released freely on the web through the repository. For more information

about the library's institutional repository, visit the Graduate Thesis Submission: Macdonald-Kelce Library.

Students should refer to the Thesis Preparation Handbook for the Master of Science in Criminology and Criminal Justice for information regarding the process to follow to complete a thesis.

### *Degree Requirements: Thesis Option*

#### **M.S. Curriculum Core Courses**

CRM 601	Proseminar in Criminal Justice Issues	4
CRM 603	Criminological Theory	4
CRM 605	Criminal Justice Policy and Program Evaluation	4
CRM 607	Research Design and Methods	4
CRM 609	Statistics for Criminal Justice Research	4
CRM 611	Ethical Issues in Criminal Justice	4
CRM 650	Thesis	1-4

#### **Electives for the M.S. Program**

CRM 613	Policing and Public Policy	4
CRM 615	Corrections and Public Policy	4
CRM 617	Justice, Law and Public Policy	4
CRM 619	Victimology	4
CRM 621	White Collar Crime	4
CRM 623	Comparative Criminal Justice Systems	4
CRM 649	Independent Study in Criminology and Criminal Justice	4

**Subtotal: 8**

Subtotal: 36

### *Degree Requirements: Non-Thesis Option*

#### **M.S. Curriculum Core Courses**

CRM 601	Proseminar in Criminal Justice Issues	4
CRM 603	Criminological Theory	4
CRM 605	Criminal Justice Policy and Program Evaluation	4
CRM 607	Research Design and Methods	4
CRM 609	Statistics for Criminal Justice Research	4
CRM 611	Ethical Issues in Criminal Justice	4

**Subtotal: 24**

#### **Electives for the M.S. Program**

CRM 613	Policing and Public Policy	4
CRM 615	Corrections and Public Policy	4
CRM 617	Justice, Law and Public Policy	4
CRM 619	Victimology	4
CRM 621	White Collar Crime	4
CRM 623	Comparative Criminal Justice Systems	4
CRM 649	Independent Study in Criminology and Criminal Justice	4

**Subtotal: 12**

Subtotal: 36

### **Total Credit Hours: 36**

### *Master of Education in Curriculum and Instruction*

The Master of Education (M.Ed.) in Curriculum and Instruction is designed for professionals in K-12 settings who are seeking advanced study to enhance their teaching and leadership skills in the field of education. Candidates must have an undergraduate degree in education or hold a professional or temporary teaching certificate. This program places emphasis on curriculum theory, pedagogy and innovation in education, advocacy, social dimensions of learning and research.

### *M.Ed. (C & I) Admission Requirements and Documents*

The program welcomes applications from individuals who have strong academic records and who have experience and interest in education or related fields. To be accepted, applicants from outside The University of Tampa must meet the following requirements:

- Completed application for the University
- \$40 application fee
- Official transcripts for all previous college work received directly from each institution
  - Applicants must have earned a four-year degree from a regionally accredited institution in the subject area designated by their intended program.
  - Applicants need to have an overall GPA of 3.0 out of a possible 4.0, or a minimum of 3.0 in the last 60 credit hours of undergraduate study.
  - Undergraduates who are in the process of completing degrees may apply for admission with full acceptance contingent upon completion of a baccalaureate degree.
- Two professional reference forms (PDF)
- Résumé
- Personal statement addressing why they seek a graduate-level degree

**Automatic Admission:** Special consideration is given to UT Education alumni and graduates from CAEP-accredited Education Programs. Contact Graduate Admissions for details.

### *Entrance Requirements for M.Ed. applicants from outside The University of Tampa (applicants must meet at least one of the following criteria):*

- Bachelor's degree in education
- Hold a Florida Professional Teaching Certificate
- Hold a statement of eligibility for a Florida Professional Teaching Certificate

- Hold a Professional Teaching Certificate in another state
- Hold a temporary Teaching Certificate

EDU 670	Special Topics in Education	3
EDU 682	Grant Writing in Education	4
<b>Subtotal: 4</b>		

*Graduate Admission (4+1 Option) for the M.Ed. Requirements and Documents*

The 4+1 Option allows a University of Tampa undergraduate Education major to begin two courses (up to 8 credits) from the M.Ed. program in their last two semesters of undergraduate study. To qualify for this option, applicants must meet the following requirements:

- Completed M.Ed. application
- Earned 90 hours in coursework and be enrolled in the Senior 1 or Senior 2 block of education coursework
- Applicants need to have an overall GPA of 3.0 out of a possible 4.0, or a minimum of 3.0 in the last 60 credit hours of undergraduate study.
- Have no Dispositional Rating below a 1.0  
Unlike external applicants, 4+1 applicants:
  - Have their application fees waived
  - References do not need to be provided
  - Transcripts are provided by UT

*Transfer Credit Policy*

One transfer or transient course is allowed based on program coordinator approval.

*Degree Requirements*

**M.Ed. (C & I) Curriculum Core Courses**

EDU 601	Curriculum Theory	4
EDU 608	Cross-Cultural Diversity	4
EDU 611	Human Development and Social Dimensions of Learning	4
EDU 612	Pedagogy and Innovation in Education: Models in Teaching	4
EDU 613	Research in Education	4
EDU 616	Social Change and School Reform	4
EDU 622	Applied Philosophy for Curricular Design and Implementation	4
<b>Subtotal: 28</b>		

**Electives for the M.Ed. Program**

M.Ed. candidates will choose one graduate elective for 4 credits to complete their degree. Students may take courses listed if prerequisites for the courses are met. Students may take courses not listed with recommendation of the advisor and permission of the department chair.

EDU 617	Technology for Education and Leadership	4
EDU 619	Children's Literature in the Reading Program	4
EDU 624	Public School Law and Professional Ethics	4
EDU 626	Social Emotional Learning and Teaching	2-4

Subtotal: 32

**Total Credit Hours: 32**

*Master of Education in Educational Leadership*

In Florida, the path to a position in education administration requires candidates to earn a graduate degree in educational leadership and successfully complete the Florida Educational Leadership Examination (FELE). Accordingly, the program is specifically designed for current in-service teachers who aspire to a position as an assistant principal or educational leader to earn an M.Ed. in Educational Leadership and successfully pass the FELE.

The proposed curriculum is designed around the 10 Florida Principal Leadership standards outlined by the Florida Department of Education and aligned with the Florida Educational Leadership Examination. Classes, other than the internship are offered in a synchronous distance learning format. Students may attend classes on campus or join remotely through the use of technology. In addition, each semester includes a 1 credit internship with a coordinating school administrator to allow students to directly experience and apply the standards being taught in class. Accordingly, the entire curriculum consists of 30 credits: 27 classroom credits and 3 internship credits. It is designed to allow a student to take 10 credits per semester (or summer term) and complete their M.Ed. in Educational Leadership in 12 months.

Because the 10 standards in the FELE are discrete skills and units, the curriculum is designed in a similar manner. In other words, there are no prerequisites, and no course specifically builds upon a previous one. Students can be enrolled into the program in the fall, spring or summer sessions. Students will take the courses offered, as well as the 1-credit internship.

**M.Ed. in Educational Leadership Admission Requirements and Documents**

The program welcomes applications from individuals who have strong academic, school leadership and teaching records and who have experience and interest in educational leadership.

Applicants must meet the following requirements:

- Completed application for the University
- \$40 application fee
- Official transcripts for all previous college work received directly from each institution
  - Applicants must have earned a four-year degree from a regionally accredited institution
  - Applicants need to have an overall GPA of 3.0 out of a possible 4.0, or a minimum of 3.0 in the last 60 credit hours of undergraduate study. **NOTE:**

GPA's below 3.0 will be reviewed on an individual basis.

- A minimum of at least two years successful teaching experience, reflected in prior teacher evaluation scores or equivalent
- Resume
- Two letters of recommendation from educational peers or supervisors, one of which is the current or most recent supervisor. The following information must be addressed in the letters of recommendation:
  - Demonstration of instructional expertise (Successful demonstration of the core standards for effective educators outlined in the Florida Educator Accomplished Practices (FEAPs) and a documented track record of achieving student gains.)
  - Leadership potential (At a minimum, these qualifications must include an analysis of the candidate's relentless focus on improving student achievement in their own classrooms and contributing to the demonstrable improvement of teaching effectiveness in the classrooms of colleagues.)
- Personal statement addressing why they seek a graduate-level degree

**Automatic Admission:** Special consideration is given to UT Education alumni and graduates from CAEP-accredited Education Programs. Contact Graduate Admissions for details.

#### Candidate Remediation

The candidate who fails to meet state-mandated candidate performance assessment benchmarks and fails to evidence acceptable mastery of the Florida Leadership Performance Standards (FLPS) or candidates who do not reach department benchmarks in disposition will be referred to the department chairperson and to the Candidate Performance/Admission, Retention, and Dismissal (CP/ARD) Committee for remediation. The committee will recommend specific candidate interventions intended to help the candidate achieve the expected targets and benchmarks. Remediation always requires enrollment in the 0-3 credit hour course EDU 680 Professional Development Clinical.

#### LiveText Electronic Database

The Department of Education uses the LiveText database system to formally collect data to document candidate progress and mastery of competencies in and across programs. For candidates, LiveText provides evidence that FLPS standards have been met. All education candidates are required to obtain and manage a LiveText account. Candidates who do not upload required critical assignments to LiveText will earn a grade of "Incomplete" in the course and be

referred to the CP/ARD Committee for further action / remediation.

#### Transfer and Transient Credit Policy

One transfer or transient course is allowable though conditional upon review by program coordinator. Any transfer credit must be from a state approved University program. Candidate must provide a copy of the syllabi to the coordinator before any approval is given.

#### Candidate Graduation

In order to graduate with a M.Ed. in Educational Leadership, every candidate must pass all components of the FELE exam. The exam must be completed within 2 semesters of finishing all coursework. If not, EDL 606 will maintain an "F" grade until the candidate successfully passes the FELE exam.

#### Degree Requirements

##### M.Ed. (EDL) Curriculum Courses

EDL 601	Instructional Leadership	3
EDL 602	Organizational Leadership, Safety and Decision-Making	3
EDL 603	Human Resources: Recruitment, Development and Retention	3
EDL 604	Curriculum and Achievement	3
EDL 605	School Budgeting and Finance	3
EDL 606	Educational Leadership Internship	1
	Internships are earned 1 credit per semester (fall, spring, summer) for a total of 3 credits	
EDL 607	School Law/Community Relations	3
EDL 608	Data-Driven Leadership	3
EDL 610	Communication and Technology for Leaders	3
EDL 612	Problem-Solving and Visionary Leadership	3

If an M.Ed. (EDL) student has not at the time of program entry met their 60 hour ESOL requirement or has completed a 3 credit ESOL course, then it is incumbent upon the student to complete such a course. The Department of Education offers EDU 640 TESOL to satisfy this requirement.

Students must pass all components of the Florida Education Leadership Exam (FELE).

Subtotal: 30

#### Master of Science in Instructional Design and Technology

The M.S. in Instructional Design and Technology addresses a growing field in learning and human performance and provides a multidisciplinary area of study that draws students from many disciplines and

backgrounds. Instructional designers understand and utilize technologies as both product (e.g., online courses) and process (e.g., iterative and formative approaches to learner-centered instruction). Given the diverse career tracks in instructional design, this program offers students the flexibility to customize their course of study based on individual goals and interests. Graduates of the program are well prepared to practice their unique, multidisciplinary profession in a variety of settings, including business, K-12 schools, higher education, government and military sector, or to pursue doctoral studies. Courses in the M.S. in Instructional Design and Technology program are offered in either face-to face or hybrid format.

### Admission Requirements

To be considered for acceptance into the instructional design and technology program, applicants must meet the following requirements:

- Completed application
- \$40 application fee
- Official transcripts for all previous college work received directly from each institution
  - Applicants must have earned a four-year degree from a regionally accredited institution.
  - Applicants must have an overall GPA of 3.0 out of a possible 4.0, a minimum of 3.0 in the last 60 credit hours of undergraduate study or have successfully completed a master's degree from a regionally accredited institution. **NOTE:** GPAs below 3.0 will be reviewed for conditional admittance.
  - Undergraduates who are in the process of completing degrees may apply for admissions with full acceptance contingent upon completion of a baccalaureate degree.
- Two letters of recommendation
- Résumé or curriculum vitae
- Personal statement that at a minimum addresses the following areas:
  - Your reason for pursuing a degree in instructional design and technology
  - How you would describe the field of instructional design and technology
  - The career path you plan to take after completing your degree
- Test of English as a Foreign Language (TOEFL) for applicants whose primary language is not English. Must meet **one** of the minimum requirements listed below:
  - A minimum of 550 on the paper-based exam
  - A minimum of 213 on the computer-based exam
  - A minimum of 80 on the Internet-based exam
  - The IELTS exam may be used instead of the TOEFL exam with a minimum score of 6.5
- The applicant may be asked to participate in an admission interview as part of the admission process.

### Automatic Admission for UT Graduates

Students and alumni who have earned a bachelor's or master's degree from UT with a minimum GPA of 3.0 are guaranteed admission to the M.S. in Instructional Design and Technology program. The application fee, reference forms, resume, personal statement and TOEFL requirements are waived.

### Graduate Admission (4+1 Option) for the M.S. in Instructional Design and Technology Requirements and Documents

The 4+1 Option is designed to provide Communication undergraduates in the university the opportunity to begin the 36 hours of the M.S. in Instructional Design and Technology program by completing up to 8 credits (two M.S. in Instructional Design and Technology courses) in their last two semesters of undergraduate study. Students can declare their intent to join the 4+1 Option any time before the formal application is due. The application to the 4+1 Option can be submitted before the first semester of their senior year or during the senior year. The 4+1 Option courses are applied to coursework within the Communication major and M.S. degree. No 4+1 Option graduate-level course can be used to satisfy any undergraduate course that is required in the Communication major. Students would be conferred their undergraduate degree upon completion of their undergraduate requirements. Students would be conferred the graduate degree upon completion of their graduate requirements. To qualify for this option, applicants must meet the following requirements:

- Completed M.S. in Instructional Design and Technology application
  - Earn 90 hours in coursework and be enrolled in the senior year of undergraduate studies
  - Applicants must submit a resume
  - Applicants need to have an overall GPA of 3.0 out of a possible 4.0, or a minimum of 3.0 in the last 60 credit hours of undergraduate study.
- Unlike external applicants, 4+1 applicants:
- Have their application fees waived
  - References do not need to be provided
  - Personal statement does not need to be provided
  - Transcripts are provided by UT

### Transfer and Transient Credit Policy

One transfer or transient course is allowed based on program coordinator approval. Candidate must provide a copy of the syllabi to the coordinator before any approval is given.

### *Degree Requirements*

#### Capstone Requirement

EME 650	Field Internship in Instructional Design and Technology	0
<b>M.S. Curriculum Core Courses</b>		
EME 601	Introduction to Instructional Design	4
EME 602	Theories of Learning and Cognition for Instruction	4
EME 603	Inquiry and Measurement	4
EME 610	Trends and Issues in Instructional Design and Technology	4
EME 620	Introduction to Systematic Instructional Design	4
EME 660	Seminar in Instructional Design	2
EME 661	Advanced Seminar in Instructional Design	2

**Subtotal: 24**

### Elective Courses

Students may take courses listed if prerequisites for the courses are met. Students may take courses not listed with recommendation of the advisor and permission of the department chair. IDT students may take elective courses outside the department with recommendation of the advisor and permission of the department chair.

EME 605	Introduction to Distance Learning	4
EME 606	Design of Online Collaborative Learning	4
EME 607	Introduction to Instructional Games and Simulations	4
EME 611	Principles of Learner Motivation	4
EME 612	Media for Instruction	4
EME 613	Open Learning Environments in the 21st Century	3
EME 630	Development of Multimedia Instruction	4
EME 640	Introduction to Program Evaluation	4
EME 641	Management of Instructional Development	4
EME 642	Management of Change	4
EME 644	Performance Systems Analysis	4

**Subtotal: 12**

Subtotal: 36

**Total Credit Hours: 36**

### *Online Development Graduate Certificate*

The University of Tampa's Online Development Graduate Certificate focuses on the design and development of effective, efficient, engaging, and equitable online learning experiences.

Learning theories, digital pedagogy, multimedia development, and instructional design knowledge are applied and coupled with training on online development software to create instructional content and assessments for diverse audiences in the corporate sector, higher education, K-12, government, and military.

Students who enroll in this graduate certificate program intend to pursue careers as experts in the design, development, implementation, and evaluation

of online learning experiences to train, educate, and improve performance in multiple environments.

The courses that are part of this graduate certificate are also part of the Master of Science in Instructional Design and Technology program. Upon completion of this certificate, students with a cumulative 3.0 GPA will have the option of being granted admission into the MS in Instructional Design and Technology degree program. All successfully completed credits from the certificate will be applied to the master's degree.

### Certificate Admission Requirements

- Baccalaureate degree from a regionally accredited college or university
- Earn a minimum cumulative 2.75 GPA on a 4.0 scale in previous undergraduate coursework or a 2.75 GPA on a 4.0 scale for the last 60 undergraduate credits, or master's degree from a regionally accredited college or university (earned master's degree supersedes the minimum standards for the baccalaureate)
- Resume
- Personal Statement
- Applicants may be asked to participate in an admissions interview as part of the review process
- Applicants with less than a 2.75 GPA may be considered for conditional admission

### *Degree Requirements*

GPA of 3.0 on a 4.0 scale is required for all courses as part of the certificate.

### Core Course

Students will be required to enroll and successfully complete the core course (4 credit hours) listed below.

EME 601	Introduction to Instructional Design	4
<b>Subtotal: 4</b>		

### Elective Courses

**Students will be required to enroll and successfully complete 3 (12 credit hours) of the 4 elective courses listed below.**

EME 603	Inquiry and Measurement	4
EME 605	Introduction to Distance Learning	4
EME 606	Design of Online Collaborative Learning	4
EME 612	Media for Instruction	4
<b>Subtotal: 12</b>		

Subtotal: 16

**Total Credit Hours: 16**

### *Continuing Studies*

The mission of UT's Continuing Studies program is to extend the resources of the University to non-traditional learners in the Tampa Bay area who want to obtain, on a part-time basis, a quality education with a rich on-campus experience. Specially trained admissions counselors and academic advisors in the

Office of Graduate and Continuing Studies work with a wide range of non-traditional learners to help facilitate degree completion in the shortest possible time, and many of the most sought-after majors can be completed by taking many of the courses in the evening.

### ***Admission Requirements***

To be admitted as a part-time student and unless otherwise stated, an applicant must complete an admissions application (available at [www.ut.edu/admissions](http://www.ut.edu/admissions)) and fulfill the following requirements:

- Applicants must have graduated from high school or earned a GED. (Official high school transcripts and official transcripts from all previously attended post-secondary institutions are required. Students who have earned a GED must provide GED scores and a high school transcript up to the date of withdrawal. Neither SAT nor ACT scores are required for applicants who have been out of high school for at least two years.)
- Applicants with associate degrees need to provide only official transcripts from all post-secondary institutions verifying degree.
- The Test of English as a Foreign Language (TOEFL) is required for international students.
- Applicants must pay a nonrefundable application fee.

Contact admissions at (813) 253-6211 or [admissions@ut.edu](mailto:admissions@ut.edu) for additional information or to schedule a counseling appointment.

### ***Transient (Visiting) Students***

Students who regularly attend another institution and have never been denied admission to UT may register as visiting students for up to two consecutive semesters. A transient student must:

- Complete the undergraduate application for admission and select "transient (visiting) student."
- Pay the nonrefundable application fee.
- Provide a copy of transcripts (unofficial transcripts are acceptable).

The University of Tampa gives priority registration to its regularly enrolled students and reserves the right to deny admission or registration to transient students when demand for requested classes exceeds availability or when the University determines the visiting student is not adequately prepared for the requested class. Transient students may take up to 24 credit hours at the University. If a student wishes to continue at the University, she or he must apply as a transfer student to be admitted.

#### **Non-Degree Seeking Students**

The University welcomes students who are not in a UT degree program, or who have not been academically

dismissed or denied acceptance, to enroll in undergraduate courses on a space-available basis for up to three semesters. Non-degree seeking students must file an application (available at [www.ut.edu/admissions](http://www.ut.edu/admissions)) with a nonrefundable application fee.

Students attending other colleges or universities should follow the procedures for transient students. High school students should submit letters of recommendation from principals or counselors listing the UT courses students are permitted to take. Non-degree seeking students are subject to the same academic policies as undergraduate degree seeking students and adhere to the deadline dates published in the University course schedule.

Non-degree seeking students pay the regular tuition rates and are not eligible for the special individual plan of study (IPS) tuition rate or a reduced audit fee.

### ***Auditing Classes***

A student may register as an auditing student by submitting an application form (available at [www.ut.edu/admissions](http://www.ut.edu/admissions)) and a nonrefundable application fee. An auditing student earns no college credit, and academic work is not graded. To audit classes, students are not required to submit records of previous academic work, but they must secure prior permission from the professor teaching the course. Auditors pay 50 percent of the credit-hour rate charged for undergraduate instruction. See the Academic Policies and Procedures section of this catalog for more information.

### ***Postbaccalaureate Degree Students***

In addition to the application form (available at [www.ut.edu/admissions](http://www.ut.edu/admissions)) and a nonrefundable application fee, these students must submit transcripts from regionally accredited colleges or universities showing all baccalaureate degrees earned and the dates granted. Those seeking second baccalaureate degrees should refer to the Academic Programs chapter of this catalog.

### ***Part-Time Degree Seeking Students***

Part-time students who intend to complete a degree at UT are encouraged to complete an individual plan of study (IPS). The IPS provides certain benefits to the student and offers a guide for the advisor as the student progresses toward graduation. Students with an IPS may be qualified to receive a special tuition rate (see the Tuition and Fees section below).

Part-time degree seeking students are encouraged, but not required, to take at least 3 credit hours (but not more than 9) in at least one summer session (May Term included) per year. The student may interrupt the IPS for valid reasons, as determined by the assistant vice president and executive director of graduate and continuing studies, and remain qualified for the special tuition rate, but interruptions are limited and discouraged.



Part-time students who wish to change their status to full-time must apply by completing the regular undergraduate admissions application (available at [www.ut.edu/apply](http://www.ut.edu/apply)) and meeting all academic requirements for admission as a full-time student, including admissions deadlines. Please refer to appropriate sections of this catalog, including the Costs and Financial Information chapter.

### ***Veterans***

Veterans' enrollments are certified by the Registrar's Office to the Veterans Administration. Questions concerning veterans' benefits should be directed to that office.

### ***Registration Procedures***

Students can view class offerings and enroll for classes through Workday. However, academic staff are also readily available to assist students with the enrollment process. When seeking registration assistance from an academic advisor, it is recommended to schedule an in-person appointment or phone consultation. This enables the advisor to review the student record and fully prepare to meet their specific needs.

The registration procedures for OGCS students are as follows:

- New graduate, part-time, and non-degree seeking students are registered for classes by their assigned academic advisor.
- Returning graduate students may self-register for classes in Workday or coordinate with their assigned academic advisor for registration assistance.
- Returning part-time continuing studies and post-baccalaureate students must be cleared for registration by their academic advisor. Once cleared, the student may self-register for classes in Workday or coordinate with their academic advisor for additional support.
- Returning non-degree seeking students are registered by their assigned academic advisor.

Students with a current individual plan of study and the accompanying agreement will be able to expedite registration for their classes in the respective term of their IPS.

### ***Tuition and Fees***

Students qualify for the continuing studies tuition rate as long as they meet the following criteria:

- Remains academically qualified to be enrolled at the University, including at least a 2.0 GPA in all courses taken at UT.
- Has an IPS and accompanying agreement in effect, which includes at least 3 credit hours (but no more than 9 credit hours) per semester, and annually updates the IPS with the Office of Graduate and Continuing Studies.

- Maintains continuous enrollment\* at UT.
- Is seeking a Bachelor of Liberal Studies (BLS) degree or a degree in one of the following majors:

Accounting  
Advertising/Public Relations  
Allied Health  
Art  
Art Therapy  
Business Information Technology  
Communication  
Criminology  
Cybersecurity  
Dance (Applied)  
Economics  
English  
Entrepreneurship  
Film and Media Arts  
Finance  
Financial Enterprise Systems  
Graphic Design  
History  
International Business  
Journalism  
Management  
Management Information Systems  
Marketing  
Museum Studies  
Music  
Music Education  
Musical Theatre  
New Media Production  
Performance (Music)  
Philosophy  
Political Science  
Psychology  
Public Health  
Sociology  
Spanish  
Sport Management  
Theatre  
Writing

or one of these certificates:

post-baccalaureate Certificate in Business  
post-baccalaureate Certificate in Accounting

\*Continuous enrollment means registration in classes in each subsequent semester until graduation. Summer class registration is not required, but it is encouraged.

The tuition rate for qualifying part-time students can be found by referring to the section Costs and Financial Information. Part-time students who do not qualify for this rate will be charged at the 1 credit hour rate times the number of credit hours enrolled. Continuing studies students pay one-half the rate per audit hour. Part-time students are assessed a student services fee of \$40 per semester. The University accepts a variety of payment methods and plans.

### ***Financial Aid and Scholarships***

Many companies support their employees' efforts with tuition assistance plans. The University requires only half of each semester's tuition prior to the final payment day of each term if the student furnishes a signed statement verifying employment and stating the terms of the company's reimbursement plan. Part-time students who qualify may be eligible for state and federal financial aid. (See the Financial Aid section of this catalog.)

Current and retired members of the U.S. Armed Forces (including National Guard and Reserves) may be eligible for tuition benefits. Information is available from any military education officer.

A limited number of scholarships are available to part-time students. Criteria for the awards are high academic performance/potential and financial need. Students who wish to be considered for these scholarships should complete the Free Application for Federal Student Aid (FAFSA) available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

### ***How to Get Started***

- Complete your online application at [www.ut.edu/admissions](http://www.ut.edu/admissions). If you have questions, need assistance, or wish to schedule an appointment call (813) 253-6211 or toll free (888) MINARET 646-2738.
- Request official transcripts from all previously attended colleges/universities and your high school (if you do not have an associate degree) to be mailed to the University at the address below.

Correspondence can be sent to:  
Admissions  
The University of Tampa, Box F  
Tampa, FL 33606-1490

### ***Programs and Degree Requirements***

Part-time students have a wide array of programs from which to choose. Students should visit [www.ut.edu/continuingstudies](http://www.ut.edu/continuingstudies) for a complete list of programs available to part-time continuing adult learners. Part-time degree seeking students complete the same degree requirements for their major as regular full-time students, and these requirements can be found in the respective section of this catalog. In addition to the requirements of the student's selected major area of study, all students are required to complete a comprehensive liberal arts curriculum. For all degrees except the Bachelor of Liberal Studies degree, the general curriculum requirements can be found described in the Baccalaureate Experience section of the UT Academic Experience chapter in this catalog. The general curriculum requirements for the Bachelor of Liberal Studies degree are found below.

### ***Evening Classes***

Part-time students requiring evening classes will find that many of the available programs may be completed

almost entirely by taking classes offered in the evening. While some of the programs are offered only or predominantly during the day, select programs are offered in such a way as to accommodate the student that cannot complete a degree by only taking daytime classes. Students should consult with the Office of Graduate and Continuing Studies to determine the degrees/majors that can largely be completed in the evening, if this is a requirement of the student's schedule.

### ***Transfer Credit***

Part-time students often have earned credits at another institution and wish to have them applied toward their degree requirements at UT. For policies and procedures regarding the transfer of credits, please see the Transfer Credit Evaluation section of the Academic Policies and Procedures chapter in this catalog.

### ***Advising***

The Office of Graduate and Continuing Studies (OGCS) is open from 8:30 a.m. until 5 p.m. Monday through Friday (except during the summer, when all University offices are closed on Fridays). The office services graduate students, as well as undergraduate students who are classified as part-time continuing studies, post-baccalaureate, and non-degree seeking.

OGCS students are welcome and highly encouraged to meet regularly with their assigned academic advisor. The advisors provide valuable assistance to students by explaining academic requirements, offering registration support, recommending campus resources, and fostering professional development. Academic advisors are mainly responsible for:

- Clarifying academic policies and degree requirements
- Identifying student services that will facilitate academic and professional development
- Assisting with academic procedures, such as: Transient Forms; Internship Forms; Adding, Dropping, or Withdrawing from Classes; Requests for Change of Program, Major or Minor; Petitions for Academic Appeal; Applying for Graduation; and more.

Continuing studies students are assigned an academic advisor in the Office of Graduate and Continuing Studies (OGCS) to assist in all aspects of their academic time at the University. A student's assigned academic advisor provides valuable assistance in developing a plan of study, working through enrollment problems, helping orient the student to campus resources, dealing with work-home-school conflicts, connecting with faculty members for special help or mentoring and more. Additionally, the academic advisor can help the student apply for prior learning credits. A student may elect to also have a faculty advisor assigned; if this is the case, the student's OGCS academic advisor can assist. The name and contact

information of each student's assigned academic advisor can be found in Workday.

### ***Individual Plan of Study Agreement***

In consultation with an academic advisor, all part-time degree-seeking Continuing Studies students complete an Individual Plan of Study (IPS) in the form of a degree worksheet. The degree worksheet identifies the courses the student must satisfactorily complete to achieve their goal – a University of Tampa degree. This agreement represents a mutual understanding of the best efforts by the student and the University to accomplish this goal in the shortest possible time.

### ***Bachelor of Liberal Studies***

The Bachelor of Liberal Studies (BLS) degree is for students who are interested in a broad, liberal arts education to complement their life experiences and for those students who find the traditional university degree does not meet their specific needs. The BLS degree offers students considerable flexibility to apply credit earned at other accredited colleges and universities and from work-related experience. To be awarded the BLS degree, the student must earn at least 124 credit hours, which are comprised of the following:

- BLS General Curriculum Distribution requirements.
- Requirements for one BLS defined concentration
- General electives.

### ***BLS Degree Provisions***

- At least 31 credit hours of the last 35 must be earned at the University and at least 15 of these credit hours must be earned in the selected concentration.
- At least 24 credit hours must be earned in 300-level courses or higher. At least 16 of the concentration credit hours must be earned in courses at the 300-level or higher.
- Students in the BLS degree program may not elect a minor.
- General Curriculum Distribution requirements for the BLS degree are specific to this degree and do not apply to other degree programs at the University.
- Courses used to satisfy the General Curriculum Distribution requirements cannot be used to also satisfy requirements of the student's chosen concentration but may be used to satisfy course prerequisites.
- The General Curriculum Distribution requirements need not be completed before the student begins courses in the chosen concentration.
- Students must satisfy the University's "writing intensive" requirement. See the UT Academic Experience chapter of this catalog for more details.

- For students pursuing the BLS degree, a special provision allows for credit from experiential learning. In addition to earning credit through testing programs such as CLEP and DANTES, students can earn a maximum of 10 credit hours for verifiable expertise gained from current or previous work-related experiences. Such experience must parallel the content in existing University of Tampa courses. Academic credit for work-related experience may be applied to any part of the BLS degree, except the General Curriculum Distribution requirements. Students seeking prior learning credit for work-related experience should contact the Office of Graduate and Continuing Studies to learn about the process for applying for the credit.

### ***Degree Requirements***

#### **BLS General Curriculum Distribution Requirements (GCDR)**

AWR 101	Writing and Inquiry	4
AWR 201	Writing and Research	4

#### **One of the following:**

PHL 201	Logic	4
PHL 212	Critical Thinking	4
MAT 155	Finite Mathematics for Liberal Arts	4
MAT 160	College Algebra	4

A higher level math course may also apply, except MAT 180 College Geometry or MAT 201 Introduction to Statistics, which is not accepted in the GCDR.

#### **One of the following:**

SPE 200	Oral Communication	4
SPE 208	Speech for Business and the Professions	4

#### **Liberal Studies courses:**

Art/Aesthetic	3
Humanities/Fine Arts	4
International Studies	8
Natural Sciences	3
Social Sciences	4

Humanities/Fine Arts: any course so designated; studio courses are limited to 2 credit hours

Natural Sciences: any course, with or without a laboratory, designated as a biological, chemical or physical science

Social Sciences, Art/Aesthetic: any course so designated

International Studies: any courses designated IG or NW

### ***Concentrations Available***

A BLS degree requires students select one of the concentrations and meet all the requirements of that chosen concentration. Concentrations the student may select from are as follows:

- Humanities
- Social Science
- Applied Arts
- Community Wellness

- Instructional Support
- Public Information
- Community Safety

Students must earn at least 43 credit hours in the field of concentration unless otherwise noted, and at least 15 of those credits must be earned at the University. Courses used to satisfy the General Curriculum Distribution requirements may not be used to also satisfy requirements of any concentration.

Of the total credits required, at least 24 must be earned from 300-level courses or higher, and of the required concentration courses, at least 16 must be earned from 300-level courses or higher.

Elective credit hours may be from any discipline the student chooses unless otherwise specified. All course pre- and co-requisites must be met unless otherwise waived.

### *Humanities*

The humanities concentration is designed for students who want to combine a variety of humanities courses into a cohesive degree.

### *Concentration Requirements*

To meet the requirements for the humanities concentration, students must satisfactorily complete a minimum of 43 credit hours from courses in the concentration any of the following disciplines:

English (ENG), Journalism (JOU) and/or Literature (LIT)  
 Language (any of the languages)  
 Philosophy (PHL) and/or Religion (REL)  
 Communication (COM) (courses designated "Humanities" only)  
 Writing (WRI)

At least 20 of the concentration credit hours must be in one of the above disciplines.

### *Social Science*

### *Concentration Requirements*

To meet the requirements for the social science concentration, students must satisfactorily complete a minimum of 43 credit hours from courses in any of the following disciplines:

History (HIS)  
 Psychology (PSY)  
 Criminology (CRM)  
 Communication (COM) (courses designated "Social

Science" only)  
 Sociology (SOC)  
 Political Science (PSC)  
 Economics (ECO)  
 Geography (GEO)

At least 20 of the concentration credit hours must be in one of the above disciplines.

### *Applied Arts*

The applied arts concentration is for students who are interested in a broad application of the arts and want to combine a variety of courses in the arts into a cohesive degree.

### *Concentration Requirements*

To meet the requirements for the applied arts concentration, students must satisfactorily complete a minimum of 43 credit hours from courses in any of the following disciplines:

Art (ART)  
 Film, Animation and Media (FMX)  
 Music (MUS)  
 Theatre (THR)  
 Dance (DAN)

At least 20 of the concentration credit hours must be in one of the above disciplines.

No more than 20 credit hours may be earned in studio courses.

400-level special problems ART courses are not accepted.

MUS courses designated "for performing arts majors only" are not accepted.

MUS 108 Introduction to Recording and Electronic Music and MUS 109 Recording and Synthesis Techniques are not accepted.

THR courses designated "for THR majors only" are not accepted.

### *Community Wellness*

The community wellness concentration is designed for the student who works in or wants to work as a support person in a community health setting, and who desires to combine select courses from a variety of related disciplines into a cohesive degree.

### *Concentration Requirements*

To meet the requirements for the community wellness concentration, students must satisfactorily complete the following requirements:

**As part of the General Curriculum Distribution requirements (hours count to fulfill the GCDR but not the concentration) complete the following courses:**

BIO 124	Biological Science	3
	or	

BIO 183	Microbiology for the Allied Health Sciences	3
PSY 101	General Psychology	4
SOC 100	Introduction to Sociology	4

**Subtotal: 11****At least two 200-level or higher psychology (PSY) courses:**

200 level or higher psychology course

**Subtotal: 8****Required in the concentration:**

A minimum of 43 credit hours are required in the concentration, consisting of:

HSC 100	Personal and Family Health	3
HSC 130	Medical Terminology	3
ESC 150	Comprehensive First Aid/CPR/AED	2
HSC 203	Nutrition	3
HSC 220	Functional Anatomy	3
	ESC Elective	2

**Three of the following (two courses must be 300 level or higher):**

SOC 202	Marriages and Families	4
SOC 205	Medical Sociology	4
SOC 240	Sociology of Childhood	4
SOC 307	Families in Global Perspective	4
SOC 308	Sociology of Religion	4
SOC 325	Clinical and Counseling Sociology	4
SOC 330	Global Sociology	4

**Subtotal: 12****One of the following:**

SOC 306	Racial and Ethnic Relations	4
SOC 313	Social Stratification	4
SOC 320	Sociology of Gender	4

**One of the following:**

HIS 212	Witchcraft and Magic in the Early Modern Atlantic World	4
HIS 215	Women in American History	4
PHL 205	Feminist Philosophy	4
SOC 340	Social Psychology: A Sociological Approach	4
WST 125	Introduction to Women's Studies	4
WST 383	Women's Studies	4

Subtotal: 31

**Instructional Support**

The instructional support concentration is designed for the student who works in or wants to work in an educational support capacity that does not require certification, and who desires to combine select courses from several related disciplines into a cohesive degree.

**Concentration Requirements**

To meet the requirements for the instructional support concentration, students must satisfactorily complete the following requirements:

**As part of the General Curriculum Distribution requirements (hours count to fulfill the GCDR but not the concentration) complete the following courses:**

PSY 101	General Psychology	4
SOC 100	Introduction to Sociology	4

**A minimum of 43 credit hours required in the concentration, consisting of:**

EDU 200	Foundations of American Education	4
EDU 206	Human Development and Learning	4
	Education Elective Courses - 11 credits	

Writing Courses - 4 credits

Art/Aesthetic Courses - 4 credits

English or Literature Courses - 8 credits

**One of the following:**

SOC 306	Racial and Ethnic Relations	4
SOC 313	Social Stratification	4
SOC 320	Sociology of Gender	4

**Subtotal: 12****One of the following:**

PSY 210	Psychology of Child Development	4
SOC 240	Sociology of Childhood	4
SOC 340	Social Psychology: A Sociological Approach	4

Subtotal: 12

**Public Information**

The public information concentration is designed for the student who works in or wants to work as a communication specialist, most likely for a public or nonprofit agency, and who desires to combine select courses from a variety of related disciplines into a cohesive degree.

**Concentration Requirements**

To meet the requirements for the public information concentration, students must satisfactorily complete the following requirements:

**A minimum of 46 credit hours in the concentration, consisting of:**

COM 224	Media and Society	4
COM 225	Media Writing	4
COM 232	Visual Literacy	4
COM 384	Writing for Public Relations	4

**One of the following courses:**

SPE 212	Global Speech, Human Rights and Social Justice	4
SPE 308	Group Presentation and Leading Change	4
THR 204	Acting I for Non-Majors	3

**At least 15 credit hours in English (ENG), Literature (LIT) and/or Writing (WRI) courses:**

ENG or LIT	English or literature courses	8
WRI	Writing course	4

**One of the following:**

PSC 101	Introduction to American Government	4
PSC 326	Political Campaigns and Electoral Politics	4
PSC 426	Public Opinion	4
HIS 326	The History of U.S. Foreign Relations	4

**Subtotal: 16**

**At least 8 credit hours in Art (ART) or other Communication (COM) courses:**

ART/COM  
Studio performance courses are accepted

*Community Safety*

The community safety concentration is designed for the student who works in or wants to work in a public safety agency and desires to combine select courses from a variety of related disciplines into a cohesive degree.

*Concentration Requirements*

To meet the requirements for the community safety concentration, students must satisfactorily complete the following requirements:

**As part of the General Curriculum Distribution requirements (hours count to fulfill the GCDR but not the concentration) complete the following courses:**

PSY 101	General Psychology	4
SOC 100	Introduction to Sociology	4

**Subtotal: 8**

**Additional Requirements**

A minimum of 46 credit hours in the concentration, consisting of:

CRM 101	Introduction to Criminology	4
CRM 102	Introduction to Criminal Justice	4
CRM 200	Law Enforcement	4
CRM 300	Victimology	4
HSC 250	Emergency Care for the Healthcare Professional	3
LJA 204	Introduction to Law, Justice, and Advocacy	4

**Subtotal: 23**

**3 elective credit hours**

HSC Elective

**Electives must be earned in one or more of the following:**

- Criminology (CRM)
- Psychology (PSY)
- Political Science (PSC)
- Health Science (HSC)
- Philosophy (PHL)

**One of the following:**

CRM 210	Ethics in Justice	4
CRM 403	Drugs, Deviance and Crime	4
CRM 406	Violence in America	4
HIS 402	Natural and Unnatural Disasters in Modern World History	4
PHL 202	Ethics	4

PHL 313	Justice	4
PSC 302	U.S. National Security Policy	4

**Subtotal: 28**

**One of the following:**

PSC 401	Public Policy Analysis	4
PSC 302	U.S. National Security Policy	4
SOC 306	Racial and Ethnic Relations	4
SOC 313	Social Stratification	4
SOC 320	Sociology of Gender	4
SOC 325	Clinical and Counseling Sociology	4
SOC 460	Applied Sociology	4

**Subtotal: 28**

Subtotal: 87

**Total Credit Hours: 87**

*Summer and Winter Intersession Study*

The University offers seven summer terms of varying length and a two-week winter intersession. These terms provide excellent learning opportunities for students wishing to accelerate or enhance their degree program, and they offer professional advancement for working adults. A wide variety of core courses and summer-only courses are offered during the months of May through August. Summer classes are scheduled so students may take more than one course per term and/or take courses in more than one summer term. On-campus housing is available during summer terms (see [www.ut.edu/summer](http://www.ut.edu/summer)).

The May Term is an accelerated two-week term that starts immediately after the spring semester and concludes prior to the start of the first six-week summer term. New students are not admitted for May Term. There are two six-week summer terms; the first one starts in May and the second starts in July. Students may take up to 9 credit hours in each of these six-week summer term. A 12-week term runs concurrently with the two six-week terms. This schedule provides for a high degree of flexibility for full-time and part-time students with other summer obligations.

The Winter Intersession is an accelerated two-week term in January prior to the spring semester in which high-demand graduate and undergraduate core and elective courses are offered. New students are not admitted at Winter Intersession.

**Visiting Students**

Students from other colleges and universities are welcome at the University in the summer, and assistance is provided for these students to transfer the courses taken at the University to their degree-granting institution.

*Admission and Course Registration*

A searchable schedule of summer courses is found at <https://www.ut.edu/academics/schedule-and-registration>. Course offerings vary for each term and are listed by summer term:

- May Term (two-week term) - New students are not admitted for this term.

- Summer Executive MBA (graduate business cohort only)
- Summer Session I (first six-week term)
- Summer Session II (second six-week term)
- Summer 12-week Session
- Summer Graduate Education (graduate classes only)
- Nonprofit Summer (graduate classes only)

Regularly enrolled UT students may register for summer classes at any time after registration opens in late February; advisor check-off is not required. Individuals not already admitted to The University of Tampa must first complete the admissions application, found at <https://www.ut.edu/admissions/apply>. Any student wishing to transfer credits taken at The University of Tampa to another institution should enroll as a transient student. For additional information on summer courses and programs please contact the Office of Graduate and Continuing Studies at (813) 253-6249 or [summer@ut.edu](mailto:summer@ut.edu).

See the Dropping Courses, Withdrawals and Refunds section in the Costs and Financial Information chapter of this catalog for May Term, Summer Terms and Winter Intersession policies.

# Military Science

The Department of Military Science and Leadership at The University of Tampa offers the U.S. Army Reserve Officers' Training Corps (ROTC) program for both men and women. The curriculum includes 16-24 credit hours of elective instruction over two to four years taught by Military Science and Leadership Department faculty. The MSL 100- and 200-level courses focus on fundamental leadership principles and may be taken without any military service obligation. The MSL 300- and 400-level courses focus on advanced leadership concepts and are open only to contracted Army ROTC cadets.

The Air Force Reserve Officers' Training Corps is offered under an intercampus agreement with the University of South Florida. The curriculum includes 12-16 credit hours of instruction taught by active-duty Air Force officers over a two- to four-year period.

The Naval Reserve Officers' Training Corps program is offered under an intercampus agreement with the University of South Florida. The curriculum includes courses in naval science and leadership taught by active-duty Naval officers over a four-year period.

## Department of Military Science and Leadership (Army ROTC)

Faculty: Professor of Military Science LTC Brett Boston; Senior Military Instructor MSG Roberto Ayala; Assistant Professor of Military Science MAJ Orlando Torres; Recruiting Officer Ms. Paige McCormick; Human Resources Mr. Jose Ramirez; Logistics Ms. Angie Suarez.

The Department of Military Science and Leadership offers a progressive program that will enhance student education regardless of academic endeavor. The program is designed to improve the leadership abilities of students, develop managerial skills, inform students concerning the roles, missions and capabilities of the Army, and train qualified ROTC students to become commissioned officers in the U.S. Army, National Guard and Reserve. Veterans, National Guardsmen, Reservists and former JROTC students may receive advanced placement by request. Enrollment in ROTC is limited to U.S. citizens.

### *Basic Course*

The purpose of the Army ROTC Basic Course is to introduce students to Army ROTC, to give them general information about the Army and to introduce them to basic skills that have both military and civilian application. Courses and practical exercises in land navigation, orienteering and leadership round out the student's academic life, provide a challenge, develop confidence and allow for out-of-classroom learning. With this initial exposure, students have experience

upon which to base their decisions to continue into the Advanced Course and into the Army as commissioned officers. There is no military obligation in connection with the Basic Course.

### *Basic Camp*

Army ROTC Basic Camp, conducted during the summer session, is a challenging four-week course designed to evaluate students' ability to handle themselves and others in new and demanding situations. Throughout the program, the student is provided with the fundamentals of soldiering and leadership, which include physical training, marksmanship, tactical operations, map reading and orienteering. Students are provided transportation to and from camp, room and board, as well as approximately \$700 in pay and allowances. Attendance at Basic Camp does not obligate the student to military service; it does, however, qualify the student for the Army ROTC Advanced Course when taken in lieu of the Basic Course requirements. Provided eligibility criteria are met, students may be selected for two-year scholarships upon graduation from Basic Camp.

### *Advanced Course*

Upon completion of the Basic Course or Basic Camp, ROTC students entering the Advanced Course continue to develop their ability in evaluating situations, making decisions and practicing traits considered essential in leaders. The ability to motivate subordinates, to win their confidence and to supervise them effectively has been attributed by many civilian and military leaders to training received through ROTC in college. The ROTC program uses and extends the intellect, education, and special abilities of college students. Its primary purpose is to produce leaders of character for the Total Army.

Advanced Course students earn \$420 a month (upon contracting) beginning the first month of their junior year and continuing until they complete the Advanced Course. All Advanced Course students must attend the Cadet Leader Course (CLC), a five-week leadership internship between the junior and senior years.

### *Scholarships*

These competitive scholarships are awarded solely on potential rather than financial need, and they cover the costs of tuition, fees and a flat-rate book allowance (of \$600 per semester) plus a monthly subsistence allowance of \$420. This allowance is tax free. Four-, three- and two-year scholarships are available to eligible students, both enrolled and not enrolled in the ROTC program. Two-year undergraduate or graduate school scholarships may be awarded to students who successfully complete the Basic Camp.



Contact the Army ROTC Department at (813) 258-7200 for additional information. Active Duty enlisted personnel are encouraged to contact this office or their education office at their military installation for information regarding enlisted commissioning programs.

## Naval Science (Naval ROTC)

Faculty: Professor CAPT Schmidt, USN; Assistant Professors Mai Redman, LT. Habib, USN; LT. Lentz, USN; LT Bradley, USN.

The Naval Science Program at the University of South Florida is administered by the Naval Reserve Officers' Training Corps (NROTC) unit. This program affords selected men and women the opportunity to receive instruction in Navy-specified courses which, in conjunction with the baccalaureate degree, qualify them for a commission in the United States Navy or Marine Corps. Students enrolled in the University who are physically and mentally qualified are eligible to apply for the NROTC program. As naval officers, USF NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines, or in the numerous sub-specialties as an officer of the Marine Corps. With the consent of the professor of naval science, any student, although not enrolled in the NROTC program, is eligible for enrollment in naval science courses. The USF NROTC Unit offers participation through three programs: (1) the Navy-Marine Corps Four-Year Scholarship Program, (2) the Navy-Marine Corps College Program, (3) the Two-Year and Three-Year NROTC Scholarship Program. Students may be selected from any major, but 85 percent of scholarships are awarded to those in technical majors. (Visit [www.nrotc.navy.mil/scholarships.html](http://www.nrotc.navy.mil/scholarships.html) to learn more.)

The Navy-Marine Corps Four-Year Scholarship Program — The NROTC Scholarship Program is open to young men and women of all races, creeds and national origins who are U.S. citizens. Students are selected on their own merit to become officers in the United States Navy or Marine Corps. Scholarship students are appointed midshipmen, U.S. Navy Reserve, or U.S. Marine Corps Reserve. The Navy pays for tuition, fees, textbooks, uniforms and a monthly subsistence allowance of up to \$400 for four years. At the University of Tampa, room and board are also provided. Scholarship students are normally selected through national competition during their senior year of high school. Each year, 10 professor of naval science scholarships are available through a competitive selection process to African American and Hispanic students with academic potential who have yet to demonstrate their performance in a college environment, or who have completed at least one, but not more than two, semesters of coursework at the University with a cumulative GPA of 3.0 or better and with no grade below "C." Although it is not a requirement, a student in the NROTC Scholarship

Program is encouraged to pursue a major in engineering, mathematics, chemistry or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted, with the approval of the professor of naval science. Regardless of the major, every Navy scholarship student must complete one year of calculus-based physics and one year of calculus.

Students must include certain Navy-specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation and successful completion of the naval science curriculum, the midshipman receives a commission as ensign in the U.S. Navy or second lieutenant in the U.S. Marine Corps and serves on active duty for a minimum of four years.

The Navy-Marine Corps College Program (Non-Scholarship) — The NROTC College Program is designed to train and educate well-qualified young men and women for commissioning. Selected students are appointed as midshipmen in the Naval Reserve or Marine Corps Reserve prior to commencement of the Advanced Course in the junior year. The Navy pays for uniforms and naval science textbooks during the four-year period, and during the junior and senior years, pays the midshipman up to a \$400 per month subsistence allowance. Each student is selected for enrollment in the program on the basis of past academic performance, potential, personal interviews and a physical examination. A college program midshipman acquires a military service obligation only after entering the Advanced Course at the beginning of the junior year.

Although there are no restrictions on the major students may choose, it is highly recommended that they pursue a course of study similar to that of scholarship students. Students must also include in their program certain Navy-specified courses and a program of courses in naval science. Upon graduation and successful completion of the naval science curriculum, the student receives a commission as an ensign in the U.S. Navy or a second lieutenant in the U.S. Marine Corps and serves on active duty for a minimum of three years.

Two-Year and Three-Year NROTC Scholarship Program — The USF NROTC offers a two-year or three-year national scholarship program designed specifically for students commencing their second or third year of college who have not already earned a NROTC scholarship. Applications must be submitted during the freshman or sophomore year by May 31 to permit processing, personal interviews and a physical examination. Qualifications for acceptance to this program include demonstrated ability to complete college-level science and math courses.

Regardless of the major, every Navy scholarship student must complete one year of calculus-based physics and one year of calculus. Students must include certain Navy-specified courses in their program and complete a program of courses as prescribed by the

professor of naval science. Upon graduation and successful completion of the naval science curriculum, the midshipman receives a commission as an ensign in the U.S. Navy or a second lieutenant in the U.S. Marine Corps and serves on active duty for a minimum of four years.

Summer Training — The NROTC Scholarship Program student is required to complete training of approximately four weeks during each of the three summer recesses. During the first summer period, each scholarship student receives instruction in aviation training, marine combat training, surface warfare indoctrination and submarine indoctrination either in Norfolk, VA, or San Diego, CA. The second summer training is performed aboard operational ships of the U.S. Fleet. During the third summer, candidates for U.S. Navy commissions perform training aboard operational ships or aviation squadrons as junior officers. Some midshipmen cruise with allied navies through the Midshipman Foreign Exchange Program. Transportation costs to and from the training sites, subsistence, quarters and approximately \$365 per month is paid to every participating student. The rising senior Marine Option midshipmen attend "Bull Dog" training at the U.S. Marine Corps Base in Quantico, VA. The Marine Option NROTC Summer Training Program, "Bulldog," is a six-week training program designed to mentally, morally and physically prepare midshipmen for appointment to commissioned grade. An evaluation of midshipmen is made to ensure that they possess the leadership as well as academic and physical qualifications required for appointment to commissioned grade in the Marine Corps.

### *Naval Science*

Specified University courses: In addition to satisfying requirements for a baccalaureate degree, the student must satisfactorily complete the following four-year curriculum guide, including required naval science courses and specified University courses.

### *Degree Requirements*

#### **Freshman Year**

NAV 1110	Introduction to Naval Science	3
NAV 1140	Seapower and Maritime Affairs	3

#### **Sophomore Year**

NAV 2231	Principles of Naval Management I (Leadership and Management)	3
NAV 2212C	Navigation/Naval Operations I: Navigation	3
NAV 2220	Evolution of Warfare	3
MAT 260	Calculus I	4
MAT 261	Calculus II	4
	Engineering Calculus	4

#### **Junior Year**

NAV 2121	Naval Ships Systems I	3
NAV 3123	Naval Ships Systems II	3
PHY 200	General Physics I	4
PHY 201	General Physics II	4

#### **Senior Year**

NAV 3214C	Navigation/Naval Operations II: Seamanship and Ship Operations	3
NAV 4232	Principles of Naval Management II (Leadership and Ethics)	3
NAV 3225	Fundamentals of Maneuver Warfare	3

#### **Every Semester**

NAV 1101L	Naval Science Laboratory	0
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#### Notes:

1. Undergraduate naval sciences required to be completed for a scholarship student before fall semester junior year.
2. Upper division naval science courses required of Navy Options; not required of Marine Options.
3. Required of Marine Option midshipmen only.
4. One year each of calculus and calculus-based physics is required for every Navy Option scholarship student. It is recommended but optional for College Program and Marine Options.

Furnished Items — All uniforms, textbooks and equipment needed by the student for naval science courses are furnished by the Navy.

Use of Navy Science Courses as University Electives — Academic departments within the University may, according to their own policies, accept naval science courses as electives to fulfill requirements in their academic programs.

Naval Science Minor — Upon successful completion of the four-year Naval Science Program, a student may be awarded a minor in naval science. Specific requirements should be arranged with the student's academic department.

Naval Science Laboratory (NAV 1101L) — The naval science curriculum includes a bi-weekly 1.5 hour laboratory covering professional and military subject matter. Attendance is mandatory for all NROTC.

For more information about the Naval ROTC program, go to web <https://www.usf.edu/undergrad/naval-rotc/> or call (813) 974-4789.

## **Department of Aerospace Studies (AFROTC)**

Faculty: Professor (USF) Colonel Montgomery; Assistant Professors (USF) Major De Jesus, Captain Maynard, and Captain Ranucci.

The Air Force Reserve Officers' Training Corps (AFROTC) is offered under an intercampus agreement with the University of South Florida. All courses and the Leadership Lab are taught at USF. Registration for all courses is through The University of Tampa, and UT grants course credit.

The curriculum includes 14-16 credit hours of instruction by Air Force officers over a three- or four-year period. A student who completes the AFROTC program receives an Air Force commission as a second lieutenant and a position in the active-duty Air Force at

a starting salary of approximately \$45,000 per year, not including basic allowance for housing.

AFROTC is offered as either a three- or four-year program. The four-year program normally requires students to successfully complete all degree requirements for a bachelor's degree, 16 credit hours of AFROTC classes and a two-week Field Training encampment between the sophomore and junior years. The three-year program gives students who do not enroll in AFROTC during their freshman year the opportunity to complete AFROTC. Cadets attend a two-week Field Training encampment in the summer prior to entering the junior class.

AFROTC cadets take a 1.8-hour noncredit Leadership Laboratory in addition to the academic classes. Students wear the Air Force uniform during these periods and are taught customs and courtesies of the Air Force. Two hours of physical fitness each week is another part of this zero-credit course. Leadership Laboratory is open to students who are members of AFROTC and are eligible to pursue a commission, as determined by the Professor of Aerospace Studies.

AFROTC four-year scholarships are available to highly qualified high school students who complete the scholarship application process early during their senior year of high school. Three- and two-year scholarships are available for eligible cadets. Depending on student qualifications, these scholarships pay tuition, most fees, and a book allowance. Additionally, a scholarship cadet student receives a monthly tax-free stipend. Those interested in more information about scholarship criteria should contact the USF AFROTC department at (813) 974-2273.

A new student to this program must complete a pre-screening process as well as an enrollment paperwork session by the summer prior to enrolling in Air Force ROTC classes. Contact the Air Force ROTC Department at (813) 974-2273 for additional information including the pre-screening process. Active-duty enlisted personnel are encouraged to contact the education office at their military installation for information regarding enlisted commissioning programs.

### *Aerospace Studies*

#### *Degree Requirements*

**Students seeking a minor in aerospace studies must complete 16 credit hours of study.**

AFR 3220	Leading People and Effective Communication Part I (3)	3
AFR 3231	Leading People and Effective Communication Part II (3)	3
AFR 4201	National Security, Leadership Responsibilities and Commissioning Preparation Part I (3)	3
AFR 4211	National Security, Leadership Responsibilities and Commissioning Preparation Part II (3)	3

**The remaining hours of study must be a combination of 4 credit hours from any of the following courses:**

AFR 1101	Heritage and Values Part I (1)	1
AFR 1120	Heritage and Values Part II (1)	1
AFR 2130	Team and Leadership Fundamentals Part I (1)	1
AFR 2140	Team and Leadership Fundamentals Part II (1)	1
MSL 101	Leadership and Personal Development	2
MSL 102	Introduction to the Profession of Arms	2
MSL 201	Leadership and Decision Making	2
MSL 202	Army Doctrine and Team Development	2
MSL 203	American Military History	4
MSL 210	Basic Leadership Laboratory	0
MSL 301	Training Management and the Warfighting Functions	3
MSL 302	Applied Leadership in Small Unit Operations	3
MSL 401	The Army Officer	3
MSL 402	Company Grade Leadership	3
HIS 225	The Age of the Civil War	4
HIS 300	The Modern Middle East and North Africa	4
MGT 330	Principles of Management	4
	or	
MGT 340	Human Resource Management	4

#### **Total Credit Hours: 16**

Additional requirements: In order for a student to enter the program, a minimum HS CGPA of 3.0 or college CGPA of 2.5 along with a SAT of 950 or ACT of 20 are strongly preferred. Grades less than "C/D" or "S" from other institutions will not be accepted. Students may not use credit through exam, internship or independent study for application to the minor.

AFR 2940 Basic Aerospace Internship is the AFROTC Field Training program requiring cadets to complete a two-week term of evaluation under the guidance of Air Force staff. This requires selection and permission of the Professor of Aerospace Studies.

# The UT Academic Experience

The UT Academic Experience defines the total academic life of students at The University of Tampa. Students pursue a general education program, the Baccalaureate Experience, that provides a breadth of knowledge and experience necessary to pursue more concentrated study within a major and beyond. University of Tampa students benefit from this broad-based educational approach, which fosters a lifetime of exploration, discovery and growth.

With the exception of candidates for the BLS degree and students that are part of the Honors program, all University of Tampa students complete the Baccalaureate Experience. BLS candidates complete the General Curriculum Distribution requirements instead; please see the Office of Graduate and Continuing Studies section for details. Honors program students complete the Honors Program curriculum.

Some Baccalaureate Experience coursework must be completed in the first year, while other requirements must be satisfied within the first two years of study. Please see the Two-Year Learning Community section for details.

The University of Tampa faculty, who determine curricular content and define the course of study, have designed the Baccalaureate Experience so that each undergraduate is ensured a complete and comprehensive liberal arts foundation upon which to build major and minor areas of study. This foundation offers each student opportunities to master skills and bodies of knowledge that transcend the goals of any individual classroom experience. The expectations that faculty members have set for each student are embodied in the following nine goals of the Baccalaureate Experience:

- I. To learn to communicate effectively through reading, writing, speaking, listening and observing, so as to acquire, develop and convey ideas and information
- II. To examine issues rationally, logically and coherently
- III. To demonstrate an understanding and proficiency in the use and application of computers across fields of learning
- IV. To understand the foundations of science, scientific methods and the impact of science upon society
- V. To demonstrate a basic understanding of and proficiency in mathematics
- VI. To be able to synthesize the knowledge of, and understand issues emanating from, a variety of disciplinary perspectives
- VII. To exhibit an aesthetic awareness through the creation of art or the formation of a critical response to the arts

VIII. To identify personal values, recognize the principles underlying personal views and actions and those of others, and to defend personal positions

IX. To understand both the commonality and diversity of human social existence in an increasingly interdependent world

In addition to the Baccalaureate Experience, every undergraduate candidate for a degree must declare a major. Students are required to declare a major by the time they have completed 60 hours of course credit and should do so in consultation with their faculty advisor or the Academic Advising Office. The student may also, if desired, complete the requirements for more than one major or minor. The completion of such majors or minors will be noted on the student's permanent academic record. An additional major will not be officially noted unless at least 24 hours of credit have been earned above and beyond the credit that will apply toward the primary major; credit hours that count in the primary major may not be counted in the second major. A minor will be noted only if additional coursework is required outside the major(s). Some part of the minor must be earned in residency at UT. Students earning a Bachelor of Liberal Studies may not earn a minor. Minors are not available for all disciplines.

The number of credit hours required for undergraduate majors and minors will depend on the fields of concentration, but may not be fewer than 24 for a major and 15 for a minor. Requirements for specific majors and minors are found within the sections for the Sykes College of Business; College of Arts and Letters; College of Natural and Health Sciences; College of Social Sciences, Mathematics and Education; Office of Graduate and Continuing Studies; and Military Science. At least 15 credit hours of the undergraduate major, exclusive of internship work, must be earned at The University of Tampa.

## Undergraduate Degree Requirements

### *Bachelor of Arts*

Students majoring in advertising and public relations, applied sociology, art therapy, biology, biochemistry, chemistry, communication media and culture, communication and speech studies, dance, design, economics, English, environmental studies, film and media arts, history, international studies, journalism, museum studies, music, philosophy, physics, political science, psychology, Spanish, theatre, visual arts or writing will be awarded the Bachelor of Arts degree. This degree requires a minimum of 124 credit hours, including the Baccalaureate Experience, all major requirements and electives.

### *Bachelor of Fine Arts*

Students majoring in animation, art, film and media arts, graphic design, musical theatre or new media will be awarded the Bachelor of Fine Arts degree. This degree requires a minimum of 124 credit hours, including the Baccalaureate Experience, all major requirements and electives.

### *Bachelor of Music*

Students majoring in music education or performance will be awarded the Bachelor of Music degree. This degree requires a minimum of 124 credit hours, including the Baccalaureate Experience, all major requirements and electives.

### *Bachelor of Science*

Students majoring in accounting, actuarial science, allied health, applied sociology, biochemistry, biology, business information technology, chemistry, chemistry with biochemistry concentration, computer science, criminology and criminal justice, cybersecurity, data science, economics, elementary education, entrepreneurship, environmental studies, finance, financial enterprise systems, forensic science, human performance, international business/accounting, international business/economics, international business/entrepreneurship, international business/finance, international business/management, international business/management information systems, international business/marketing, management, management information systems, marine chemistry, marine science–biology, marketing, mathematics, mathematics with computer science, physics, psychology, public health, secondary biology education, secondary mathematics education, secondary social science education or sport management will be awarded the Bachelor of Science degree.

This degree requires a minimum of 124 credit hours, including the Baccalaureate Experience, all major requirements and electives.

### *Bachelor of Science in Nursing*

Students majoring in nursing will be awarded the Bachelor of Science in Nursing degree.

The degree requires 125 credit hours, including the Baccalaureate Experience, all major requirements and electives, as well as clinical hours.

### *Bachelor of Liberal Studies*

Students majoring in liberal studies will be awarded the Bachelor of Liberal Studies degree. For requirements, please refer to the Office of Graduate and Continuing Studies section of this catalog. This degree requires a minimum of 124 credit hours, including the BLS General Curriculum Distribution requirements.

## **Undergraduate Program Degree Plans**

The University of Tampa has developed degree plans for each of the undergraduate degree programs. Degree plan worksheets, used in conjunction with the catalog, can help students explore their options and plan a course of study in order to successfully complete their degree at The University of Tampa.

## **Graduate Degree Requirements**

Graduate programs offered at The University of Tampa include the Executive Master of Business Administration; Master of Arts in Professional Communication, Master of Arts in Social and Emerging Media, Master of Business Administration; Master of Education in Curriculum and Instruction; Master of Education in Educational Leadership; Master of Physician Assistant Medicine; Master of Science in Accounting; Master of Science in Athletic Training; Master of Science in Business Analytics; Master of Science in Criminology and Criminal Justice; Master of Science in Cybersecurity; Master of Science in Entrepreneurship; Master of Science in Exercise and Nutrition Science; Master of Science in Finance; Master of Science in Information and Technology Management; Master of Science in Instructional Design and Technology; Master of Science in Marketing; Master of Science in Nursing; Professional Master of Business Administration; Doctor of Nursing Practice; and Executive Doctor of Business Administration. Details on program requirements can be found in Graduate and Continuing Studies Degree Programs.

## **Double Majors**

Students may choose to earn two majors within the same degree, i.e., B.S. in both Accounting and Finance or B.A. in both History and Philosophy. Students must earn a minimum of 24 non-overlapping credit hours between the two majors. Non-overlapping credit hours from one of the majors may also be used to meet humanities or social science credits in the Baccalaureate Experience if they carry those designations. Students may be able to complete the requirements for both majors and the Baccalaureate Experience within the minimum 124 credit hours for graduation, but that will depend on the requirements for each major. Major residency requirements for each major must be met.

## **Dual Degree**

Students may choose to earn two degrees while at The University of Tampa, i.e., B.S. in Marketing and B.A. in Advertising and Public Relations or BFA in Film and Media Arts and B.A. in Spanish. Dual degrees require 24 non-overlapping credit hours between the two degrees and a minimum of 155 credit hours for graduation. Non-overlapping credit hours from one of the majors may also be used to meet humanities or social science

credits in the Baccalaureate Experience if they carry those designations. Degree and major residency requirements for each degree must be met.

## Second Bachelor's Degree -- Post-Baccalaureate

Students may choose to earn a second bachelor's degree after successfully earning a bachelor's degree at The University of Tampa or at any regionally accredited college or university. At least 31-credit hours for the second degree and at least 15 credit hours specific to the major must be taken in residency at The University of Tampa. No credit earned prior to conferral of the first degree may be used to fulfill this residency requirement. All courses required for the chosen major must be completed. Courses taken during the first degree will generally not need to be repeated subject to age of credit restrictions discussed in the Transfer Credit Evaluation section. Elective courses will be required if the remaining courses in the major do not equal at least 31 credits.

## Minors

The student may also, if desired, complete the requirements for a minor(s). A minor will be noted only if additional coursework is required outside the major(s). Some part of the minor must be earned in residency at UT. Students earning a Bachelor of Liberal Studies may not earn a minor. Minors are not available for all disciplines. The number of credit hours required for undergraduate majors and minors will depend on the fields of concentration, but may not be fewer than 15 for a minor. Requirements for specific majors and minors are found within the sections for the Sykes College of Business; College of Arts and Letters; College of Natural and Health Sciences; College of Social Sciences, Mathematics and Education; Office of Graduate and Continuing Studies; and Military Science.

## Baccalaureate Experience

The University of Tampa requires that each undergraduate student, except those pursuing the Bachelor of Liberal Studies (see Office of Graduate and Continuing Studies for BLS requirements) or who are enrolled in the Honors Program (see Honors Program for requirements) complete the comprehensive liberal arts curriculum outlined below in concert with their own major area of study. More detailed explanations of many of the requirements follow this summary.

### *Summary of the Baccalaureate Experience Requirements*

A. Two-Year Learning Community	13–14 total credits
AWR 101	4

AWR 201	4
MAT 155 , MAT 160 or higher (except for MAT 180 and MAT 201)	4
BAC 100	0
BAC 101 and BAC 102 (first-year students only); HON 101 and HON 102 (first-year Honors Program students only), BAC 104 (veterans only)	1 or 2
B. Natural Science Component (NS)	6 total credits
Biological Science	3
Physical/Chemical Science	3
C. Humanities/Fine Arts Component (HFA)	11 total credits
D. Social Science Component (SS)	11 total credits
E. Art/Aesthetic (A)	3 total credits
F. Non-Western and International/Global Awareness (NW/IG)	9 total credits
Writing Intensive requirement (W)	9 total credits

### *Detailed Explanation of Baccalaureate Experience Requirements*

#### **A. Two-Year Learning Community**

#### ***Academic Writing Requirement***

- Students are required to complete AWR 101 and AWR 201 or their equivalents as part of the Baccalaureate Experience. As a rule, first-year and transfer students who do not already have credit for AWR 101 will be placed in AWR-101 in their first year. However, students whose SAT or ACT scores, high school transcripts or admissions files indicate that it may be difficult for them to achieve satisfactory progress in AWR 101 will be required to complete AWR 100 successfully before enrolling in AWR 101. Regardless of initial placement, students must complete AWR 201 or the equivalent.

- Non-native speakers of English whose writing indicates that it may be difficult to achieve satisfactory progress in AWR 101 will be required to complete either AWR 100 or AWR 110 successfully before enrolling in AWR 101 . (For students who need additional practice after AWR 110, the professor may also recommend AWR 111 or AWR 100 as a prerequisite to AWR 101 .) Regardless of initial placement, students must complete AWR 201 or the equivalent.
- It is recommended that students complete AWR 101 within their first year, and AWR 201 by the end of their second year of enrollment at UT. It is required that students complete the Academic Writing requirement within their first two years.

### ***First-Year Experience Requirement***

- First-year students are required to complete the First-Year Seminar or Pathways to Honors programs (BAC 101 /BAC 102 or HON 101 /HON 102 , respectively) during their first two semesters.
- If a student changes their catalog year, completion of BAC 101 /BAC 102 or HON 101 /HON 102 will *only* be waived if the student has Junior or Senior status during the semester the change is completed.
- If a student does not successfully complete the BAC 101 /BAC 102 or HON 101 /HON-102 sequence, they must retake the course the following semester. Each course in the sequence can only be retaken once, and therefore must be completed in the first four semesters. If one of these courses is failed twice, the student will not continue in the sequence and will complete ASK 100 . If the student already completed ASK 100 , the course for completion will be determined by the Director of the First-Year Experience Program.
- If a student reaches Junior or Senior status without completing the BAC 101 / BAC 102 course sequence, they will be required to complete CAR 401 as a substitute course.
- Additionally, Honors Program students failing either HON 101 or HON 102 will be automatically removed from the Honors program but are still required to complete the first-year experience requirement by retaking BAC 101 or BAC 102 . Students that fail HON 101 in their first semester and BAC 101 in their second semester will be required to take ASK 100 . If the student has already completed ASK 100 , the course for completion will be determined by the Director of the First-Year Experience Program. Students that failed the first semester HON course and second semester BAC course and have senior status must complete CAR 401 as the substitute course.
- Students who have not completed the BAC 101 /102 or HON 101 /102 sequence and are readmitted to the university after one year, are in good standing and have under 60 credits will register for CAR 201

to satisfy the BAC 101 /102 graduation requirement. Students readmitted having completed 60 or more credits will register for CAR401 to satisfy the BAC 101 /102 graduation requirement. Military Students

- Veterans, which include active or retired military personnel (not their dependents) are required to take BAC 104, which is specifically designed for veterans, in lieu of BAC 101 /BAC 102 or HON 101 /HON 102 .  
Transfer Students
- Transfer students are not required to take a first-year seminar course, but are strongly advised to take BAC 103, which is an elective course specifically designed for transfers.
- Transfer of first-year seminar courses from other institutions into the University do not receive course equivalency to BAC 103 but receive general elective credit.

### ***First-Year Experience Policies***

- Please be advised that failure to enroll in BAC 101 /BAC 102 , HON 101 /HON 102 , or BAC 104 during your first year, should you decide not to transfer and remain a student at UT, will prevent you from being able to complete your graduation requirements and adversely affect your ability to complete your degree.
- Transfer of first-year seminar courses from other institutions into the University receive general elective credit and not course equivalency. Students must still complete BAC 101 /BAC 102 , HON 101 /HON 102 or BAC 104 within their first-two semesters.
- Students may not withdraw from first-year seminar or Pathways to Honors courses (BAC 101 /BAC 102 , HON 101 /HON 102 , BAC 104 ) for any reason.

### ***Math Requirement***

- It is required that students complete the MAT requirement within their first two years.
- MAT 150, MAT 180 and MAT 201 may not be used to satisfy the mathematics portion of the academic skills component. Students pursuing any major in the Sykes College of Business must take MAT 225 or higher.

### **B. Natural Science Component 6 credit hours (NS)**

To fulfill this requirement, students must take a minimum of 6 credits which include one biological and one physical or chemical science course. A science course is considered to be a lecture course or a combination of lecture and laboratory. Laboratory course credit without accompanying lecture course credit cannot be used to fulfill this requirement. Unless otherwise noted in the catalog, courses that meet this distribution requirement in BIO, ENS or MAR meet the

biological science requirement. Courses that meet the distribution requirement in CHE, PHY, or AST meet the physical or chemical science requirement.

### **C. Humanities/Fine Arts Component 11 credit hours (HFA)**

To fulfill this requirement, students must take courses in the following disciplines: dance, English/literature, foreign languages, linguistics, music, philosophy, religion, speech and theatre, plus those art, film, media, and animation, communication, writing and women's and gender studies courses so designated in the Course Descriptions section of this catalog. Courses taken to fulfill this requirement must be selected from at least two different disciplines. Students may apply up to 4 credit hours in studio/performance-oriented courses toward this requirement. To qualify for the studio/performance designation, the majority of the course must focus on the student's creation or performance of works (see Course Descriptions).

A combination of the following courses in Speech and Languages and Linguistics cannot solely be used to satisfy all of a student's HFA requirements: SPE 100 ; SPE 200 ; SPE 208 ; ARA 101 /102 ; ASL 101 /102 ; CHI 101 /102 ; FRE 101 /102 /105 ; GER 101 /102 ; ITA 101 /102 ; JPN 101 /102 ; LAT 101 /102 ; POR 101 /102 ; SPA 101 /102/ 105 . At least one HFA course must be taken outside of these Speech and introductory language courses.

Courses used to satisfy requirements in the humanities/fine arts component cannot be used to satisfy requirements in the major for students with one major, except where specified elsewhere in the catalog, but may be used to satisfy requirements in any minor and in one major for students with two majors.

### **D. Social Science Component 11 credit hours (SS)**

To fulfill this requirement, students must take courses in the following disciplines: economics, geography, history, political science, psychology, sociology, and urban studies, plus those communication, criminology, law justice and advocacy, and women's and gender studies courses so designated in the Course Descriptions section of this catalog. Courses taken to fulfill this requirement must be selected from at least two different disciplines. Courses used to satisfy requirements in the social sciences component cannot be used to satisfy requirements in the major for students with one major, except where specified elsewhere in the catalog, but may be used to satisfy requirements in any minor and in one major for students with two majors.

### **E. Art/Aesthetic Component 3 credit hours (A)**

To fulfill this requirement, students must take at least 3 credit hours of art/aesthetic courses devoted primarily to the development of skills in human expression for the purpose of engaging the aesthetic sense, or courses devoted primarily to the development of students' critical appreciation of aesthetics. Courses designated art/aesthetic can be found in a number of disciplines, including art, communication, dance,

English, French, music, philosophy, Spanish, speech, theatre, women's studies and writing. Where appropriate, an art/aesthetic course may be used to satisfy both the art/aesthetic requirement and other requirements (including major and minor requirements).

### **F. Non-Western and International/Global Awareness Component 9 credit hours (NW/IG)**

To fulfill this requirement, students entering as freshmen or sophomores must take at least 9 credit hours of non-Western and/or international/global awareness courses.

A minimum of 3 credit hours must deal in either a direct or comparative way with political, social, or cultural issues within the context of non-Western or Third World concerns. Courses designated non-Western are found across the disciplines, including art, Chinese, communication, dance, education, English, geography, history, international business, international studies, Japanese, music, nursing, philosophy, political science, religion, sociology, Spanish, theatre and urban studies. Where appropriate, a non-Western course may be used to satisfy both the non-Western requirement and other requirements (including major and minor requirements).

International/global awareness courses deal in a direct or comparative way with political, social, cultural or economic issues impacting the international and/or global arena. For business majors, BUS 101 partially meets this requirement. Courses designated as international/global awareness are found across the disciplines, including art, biology, Chinese, communication, criminology, cross-cultural studies, dance, education, English, French, geography, German, history, international business, international studies, Italian, Japanese, language, Latin, music, philosophy, political science, religion, sociology, Spanish, theatre, urban studies and women's and gender studies. Where appropriate, an international/global awareness course may be used to satisfy both the international/global awareness requirement and other requirements (including major and minor requirements).

Transfer students entering as juniors must complete 6 credit hours of IG or NW courses before graduating, with a minimum of 3 credit hours designated NW. Those entering as seniors must complete 3 credit hours designated IG or NW.

### **Writing Intensive Component 9 credit hours (W)**

To fulfill this requirement, students must take a minimum of three writing-intensive courses worth at least 9 credit hours total (designated by a "W" following the course title). These courses emphasize writing as a process of learning and communicating. Through collaborative practice in critical thinking and writing, students are equipped to participate in the multidisciplinary exchange of ideas that defines the liberal arts experience. Transfer students entering as juniors need to complete a minimum of two writing-intensive courses worth at least 6 credit hours before



graduating. Those entering as seniors need to complete 3 credit hours of writing-intensive courses. Courses transferred from other institutions cannot be used to satisfy the writing-intensive requirement. Courses designated writing-intensive are found in nearly every discipline. Where appropriate, courses designated as writing-intensive may be used to satisfy both the writing-intensive requirement and other requirements (including major and minor requirements). Independent Studies and Internships may not be taken for writing-intensive credit.

## First-Year Student Programs

### *Digital Literacy*

All students are required to successfully complete the BAC 100 (Baccalaureate Digital Skills) course in their first-year at UT. Failure to complete the course will adversely impact a student's ability to graduate. Transfer students entering with 31 or more credits may waive BAC 100. Even if waived, students are strongly encouraged to take BAC 100. Course equivalency will be accepted.

### *First-Year Seminar: Academic/Career/Personal Exploration Program*

Based on the University's mission statement, the Spartan Ready® Pillars, and best practices in the area of First-Year Experience seminars, all entering first-year students are enrolled in the University's First-Year Student Seminar I & II (BAC 101 /BAC 102 ). This is a graded (A-F scale), two credit total, and required academic seminar with various topics. Each section of the course has approximately 25 students and fulfills general education requirements. The course meets for 14 weeks in the semester, one hour per week, and the primary focus of the seminar is academic skills development. To accomplish this, the following learning objectives are assessed:

I. College Transition: Students should be able to describe the culture of college, including knowing the difference between high school and college standards, identify and use higher education resources, identify higher education skills that transfer to the workplace, and explain factors that affect degree completion.

II. Time Management: Students should be able to identify effective time management strategies, explain the advantages and disadvantages of various time management tools, apply their understanding of time management planning tools to situations, and understand the importance of prioritizing activities.

III. Critical Thinking: Students should be able to describe critical thinking, identify and develop skills of critical thinking, develop the ability to consider information from different viewpoints, set goals to improve their critical thinking skills, and evaluate information using critical thinking skills, including the ability to analyze assumptions and biased information.

IV. Majors/Careers and Resumes: Students should be able to identify interests and how they relate to coursework and potential careers; conduct research to determine the skills, experience, and education needed for a career area; analyze transferable skills from post educational work and life experiences; evaluate what transferable skills relate to a specific job; and build an effective resume for their chosen career path.

Refer to the Two-Year Learning Community section of this catalog for details.

### *Pathways to Honors*

First-year Honors students must take Pathways to Honors 101 and 102. HON 101 introduces the student to the Honors Program. There, students learn the expectations, commitments, and opportunities – including Honors Symposia – that come with participation in Honors. Each course is uniquely connected to the scholarship of the faculty member teaching the course. HON 102 introduces the student to the philosophical underpinnings of the Honors Program and begins developing the skills necessary to complete it. It encourages students to explore Honors Program offerings and to continue their pursuit of experiential learning and undergraduate inquiry. Students earn 1 credit hour for the successful completion of each course. These are graded courses.

## Program for Transfer Students

### *BAC 103: Transfer Students Seminar*

BAC 103 is a one-semester, 1-credit course designed and recommended for transfer students who do not meet the BAC 101 /BAC 102 requirements. During this semester-long course, students are introduced to the Spartan Ready® Pillars and assisted in navigating through the campus community, learning about its various organizations, support services and social and cultural experiences in order to ensure a successful transition to The University of Tampa. Other areas of exploration include: helping students think critically about all issues, including a thorough review of their academic skills and personal integrity; reviewing students' academic progress by periodic faculty evaluation and self-evaluation of their coursework; and assisting in the exploration, preparation and development of personal, academic and professional goals and their impact on their career objectives. Grades in this seminar are awarded under the A-F grading system.

## Program for Veteran Students

### *BAC 104: Military Veterans Seminar*

BAC 104 is a one-semester, 1-credit course designed and required of all veteran students, excluding

dependents. The content of this first-semester course has been tailored specifically for student veterans currently pursuing higher education and active-duty service members who are returning to school. In this semester-long course, instructors with prior or current military service intentionally develop active ways to deliver and process information specific to student veterans as adult-learners. Additionally, this course assists students in gaining an understanding of Spartan Ready® skills and helps them in developing and implementing an academic plan that will lead to academic success. Other areas of exploration include: assisting students in navigating through the campus community, educating them on its various student organizations, support services and social and cultural experiences specifically tailored toward veterans; reviewing students' academic progress by periodic faculty evaluation and self-evaluation of their coursework; supporting students in the exploration, preparation and development of personal, academic and professional goals; and providing students with guidance on how they can transfer the valuable leadership skills acquired in the military to civilian and academic life. Grades in this seminar are awarded under the A-F grading system.

## Office of International Programs

The Office of International Programs is the center for internationalization initiatives and programs for the University. With efforts that extend from assisting incoming international students, advising education abroad students, facilitating students earning the Certificate of International Studies, sponsoring international events on campus, and supporting international faculty development, the office has facilitated record numbers of student and faculty participation in international endeavors.

### *International Education*

The University is committed to providing a learning environment that promotes international competencies and prepares students to become global citizens. As the world becomes increasingly interconnected, a person with a multicultural education has a leading edge in the workplace.

Students in all programs may internationalize their majors or degrees by earning the Certificate of International Studies (CIS) or pursue one of the internationally themed majors, minors, or certificates. The University of Tampa has a dynamic portfolio of education abroad opportunities for students to study throughout the world and with a robust and dynamic international student population, there are ample social and academic opportunities to interact with people from many diverse cultures.

Strong University ties with the multicultural Tampa Bay community provide another valuable resource for

students. International internship opportunities are available for students in many majors. The community, as well as the University, benefits from many international events initiated and hosted on campus.

### *Certificate of International Studies*

The Certificate of International Studies (CIS) prepares UT graduates to be global citizens. Students within all majors at UT can build their credentials through this program.

The CIS program facilitates the integration and coordination of interdisciplinary coursework and skill-building activities to enhance global enrichment.

Specifically, the CIS program aims to:

- Bring University programs and services in international and intercultural education experiences together.
- Serve domestic and international students in international and intercultural education experiences.
- Graduate internationally competent students with enhanced skills, knowledge, attitudes, and values in international and intercultural matters.

Student learning outcomes include the following:

- Skills — such as secondary languages, the ability to travel, study, and live outside the United States, and the ability to access information about the world.
- Knowledge — the uniqueness of cultures, the appreciation of the historical contexts of different peoples, and comprehension of global affairs, including international labor, refugees, environmental degradation, and women's and children's issues.
- Attitudes — a recognition and appreciation of cultural differences including intercultural sensitivity and awareness, self-awareness about their own culture and its ethnic diversity, and openness to learning about the world.

Certificate of International Studies Requirements  
Admission Requirements

Undergraduate students will formally apply for admission to the CIS program.

Applications are available through the International Programs link at <http://www.ut.edu/international/cis/>. Admission is on a rolling basis. A minimum of two semesters of program enrollment is required for completion, but five semesters are recommended to experience the most benefits.

All students accepted into the CIS program will be required to enroll in GIS 099-1, Certificate of International Studies, 0 credits, as they would any other course. This will appear on the student's UT schedule after successful enrollment and allows tracking of participation in the program. This course is graded S/U and follows the university enrollment guidelines, including add/drop deadlines.

Upon completion of the program, graduates are awarded the Certificate of International Studies and

will wear the CIS sash and cords of distinction at graduation showing their commitment to internationalizing their degree program.

Requirements to Receive the Certificate of International Studies

**Foreign Language Requirement.**

*Native English Speakers:* Students must complete at least two semesters of non-native language coursework (6–8 credit hours) with a C average or better. They must receive an intermediate rating on the ACTFL Oral Proficiency Interview.

*Non-native English Speakers:* International students proficient in a native language are not required to take the ACTFL Oral Proficiency Interview; however, they are still required to complete two semesters of non-native language coursework (6–8 credit hours).

**Global Knowledge Courses.** Students are required to choose from a wide array of global knowledge courses (4 courses, or 12–16 credit hours) during their UT experience. These credit hours may also count toward various majors, minors, and other graduation requirements.

**Education Abroad Experience.** Students will complete at least one education abroad experience approved by the Office of International Programs. Students may choose to enroll in a UT Travel Course, complete an international internship, participate in the summer, semester, or year abroad program including the Spartans Academy Abroad first year abroad program or the Sophomore Fall Semester Signature Abroad Program in Dublin or Seville, study abroad during January-term in Havana, participate in student research abroad or fulfill community-based service-learning abroad. This requirement may be waived for international students by the permission of the associate dean of international programs.

**Student Leadership and Engagement.** While at UT, students will demonstrate international leadership and engagement through participation in globally focused student organizations, events, and activities. Students will document their participation through the co-curricular transcript authorized by the Office of Student Leadership and Engagement. Each semester of program enrollment, students must complete a Global Engagement Inventory Project reflecting their involvement with the international community. Five projects in total are required for program completion.

**Global Senior Capstone.** GIS 499 is a 0-1 credit hour course that is awarded a letter grade. This course serves to integrate the students' international experiences at UT. The global senior capstone prepares undergraduate CIS students to succeed in the workplace and helps them recognize global career options in various disciplines.

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### *Education Abroad*

Today's employers seek graduates who can effectively communicate in the workplace. They are looking for potential employees that have multicultural knowledge, can negotiate with people from diverse cultures, are able to speak in at least one foreign language and have the basic skills to work outside the United States — all skills that can be garnered from an education abroad experience.

Students interested in an education abroad experience should consult with an education abroad advisor early in their college careers to learn about UT's portfolio of education abroad programs, procedures, and opportunities. UT undergraduate students applying to study abroad must have a minimum of 2.5 GPA or higher and must be in good conduct standing. Graduate students will have a minimum of 3.00 GPA or higher and will be in good conduct standing. Students should speak with an education abroad advisor regarding any questions related to eligibility.

Financial aid and scholarships are available for education abroad programs. UT scholarships and need based grants are available for students to use if they study through a UT Direct Exchange study abroad program. Additionally, students can use federal grants, loans, and third-party scholarships to assist with funding a credit bearing program.

Interested students are required to prepare and register all international experiences with the Office of International Programs by applying (deadlines listed within program descriptions), completing a pre-departure session, and enrolling in UT international health insurance. More information and forms are available at <https://www.ut.edu/international-programs/education-abroad>

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higher and will be in good conduct standing. Students should speak with an education abroad advisor regarding any questions related to eligibility.

### *Education Abroad Transfer Credit Policy*

Prior to studying abroad or participating in any international program, students will obtain approval for their selected program from the Office of International Programs. The deadline for all summer, fall and academic year programs is March 1, and the deadline for all January (Winter Intersession) and spring programs is Oct. 1. Please see the Education Abroad section for policy on study abroad eligibility. An education abroad advisor will verify that the student's international university of choice has the appropriate accreditation standard so that the University can transfer academic work back to UT. The education abroad advisor will facilitate a Transient Credit Request Form, an Internship Agreement Form, or any other applicable paperwork with the necessary signatures to ensure the transferability of coursework. In addition, the following provisions must be satisfied:

1. The student must be eligible to return to the University.
2. The student must earn an equivalent grade of "C" or better in any undergraduate course. Graduate students must earn a "B" or better. Courses with grades earned below these equivalencies will be ineligible for transfer credit.
3. Satisfactory/unsatisfactory credits shall not be acceptable, except in the event of a course equivalent to a UT course in which satisfactory/unsatisfactory is the only grade option, such as an internship.
4. Except for the Honors Program Oxford Semester, UT may not post grades for foreign coursework on the UT transcript.
5. The student may not take courses outside the University for writing-intensive credit.
6. Students on all semester/year education abroad programs are registered in IST 000. Upon receipt of an official transcript, UT will post any earned coursework in place of the IST designation. Regardless of if transcripts received are from a U.S. school of record or an accredited international institution, education abroad transfer credit will not be awarded if students have not been pre-approved and met the conditions described in this policy.

7. The Education Abroad Transfer Credit Policy applies to all University of Tampa students. If a student leaves The University of Tampa and later applies for readmission to the University, international credit will only transfer back to UT if the student previously received approval from the Office of International Programs for their time abroad or if the student holds citizenship in the country from where they are attempting to transfer credits (i.e., home country study).

NOTE: Students must apply to and be approved by the Office of International Programs on or before established deadlines for any international program (study abroad, internships, volunteering, research, etc.). Failure to receive approval from the Office of International Programs by the stated deadlines will result in the student's ineligibility to receive academic credit for any coursework completed abroad toward their UT degree.

See the Office of Graduate and Continuing Studies section for policy on graduate credit earned on a transient basis.

### *UT Signature Abroad Program: Monteverde, Costa Rica*

All eligible UT students can participate in an education abroad experience, including first year students. The Spartans Academy Abroad program in Monteverde, Costa Rica is designed as an invitation-only pre-enrollment program for incoming first-year students. Prior to the start of their first semester, students enroll in an online component starting July 1, then complete the program by studying abroad in early August for two weeks and earning 8 academic credit hours of Baccalaureate Experience coursework toward their degree. The two academic courses are taught in August by UT faculty in Costa Rica. The application/deposit deadline is May 1. The remaining travel fees are due by June 30.

### *UT Direct Exchange and Enrollment Study Abroad Programs*

UT has Direct Exchange opportunities with partner institutions, including EDHEC Business School, WHU Business School and BI Business School. An updated list of exchange partner institutions can be found on IPO's website. Students must be nominated by their College in order to participate in one of these exchange opportunities as the number of students who can be nominated is limited. Selected students will pay their tuition to UT. Housing will be paid either to the host institution or directly to the housing provider. Students may use their UT scholarships and grants as well as any federal financial aid they receive for these programs. Additionally, UT now offers direct

enrollment opportunities including the University College of Dublin and the American College of Greece. An up-to-date list of partner institutions can be found on IPO's website. Students selected into these programs will maintain their UT scholarships and grants and federal financial aid. For Direct Enrollment programs, a housing fee of \$5,300 for the semester is paid to UT. Additional scholarship opportunities are available through IPO.

### *UT Travel Courses Abroad*

Students can earn UT academic credit while experiencing the world with their UT classmates and faculty. Students enroll in an on-campus 2-credit UT course (usually 7-weeks) with a UT credit bearing travel component that typically occurs immediately following the end of the term. The travel component may last from seven days to four weeks. Academic credit is typically given in the same semester as the pre-departure course. Students must register for and take both the UT on-campus pre-departure course and the UT Travel Component in the appropriate term of delivery. Students are responsible for the travel program fee, which varies according to destination, length of stay and type of program. Destinations offered vary each year. Participants are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. The application and deposit deadlines vary for each course and can be found on IPO's website.

### *Summer/Semester/Year Abroad Programs*

Students may study abroad and acquire international experience that complements their degree plan and academic program of study. Students may take courses in English and/or in the language of the host country. Students have access to over 1,000 program options in 70 countries through UT's program partners. An education abroad advisor works with students to ensure that appropriate academic credit is awarded. Costs vary according to destination, length of stay and type of program. Participants are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. The application deadline is Oct. 1 for Winter Intersession/January-term and Spring abroad programs. The UT travel fee is due Nov. 15. Program fees made to providers are due according to their schedules. The application deadline is March 1 for May Term, Summer, Fall and Academic Year programs. The UT travel fee is due April 15. Program fees made to providers are due according to their schedules.

### *January Term - Winter Intersession*

Students with busy tracks to graduation often do not have as much flexibility during a semester to study abroad. Winter intersession provides an option for shorter, more concentrated studies and allows students

to stay on track while studying abroad. Students usually take one 3 or 4 credit hour course. Participants are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. The application/deposit deadline is October 1 for Winter Intersession/January-term programs. Final payment or UT travel fee payment is due Nov. 15 for Winter Intersession/January-term programs.

### *Language Abroad*

UT language abroad programs give students the opportunity to spend three weeks in the summer up to an entire semester or academic year living abroad. Students may study languages such as Spanish, French, Italian, Japanese, Chinese, Korean, Czech, Arabic and more. Participants are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. Please see deadline dates/payments listed in Travel Courses or Summer/Semester Abroad programs accordingly.

### *Internships Abroad*

The International Programs Office advises students on education abroad opportunities, including international internships and internships in Puerto Rico and other U.S. territories. Prior to any international travel, students are required to seek approval by the International Programs Office for credit and non-credit bearing international internships. Students participating in international internships should have a minimum of 2.5 GPA and be in good conduct standing for university approval. GPA requirements for specific internship courses are often higher than 2.5 and therefore will supersede the International Programs Office minimum requirements. Participants are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. Students should contact the International Programs Office prior to Feb. 15 for international internships taking place the following summer and fall, and Oct. 1 for international internships taking place the following spring.

Students applying to participate in an independent internship must abide by UT application deadlines and policies set forth by the Office of International Programs and the Office of Career Services and submit unreviewed internship placements in advance of the posted deadlines for approval. Students should contact the International Programs Office prior to Feb. 15 for international internships taking place the following summer and fall, and Oct. 1 for international internships taking place the following spring.

### *Experiential Education Abroad*

Community-based service-learning experiences, athletics and other non-credit bearing programs abroad are unique opportunities for students to internationalize their plan of study and develop intercultural skills. Upon successful completion of the program students are eligible to receive a notation on their co-curricular transcript. The application/deposit deadline is October 1 for winter Intersession/January-term and spring break programs. Final payment is due November 15 for Winter Intersession/January-term and spring break programs. The application/deposit deadline is November 15 for spring semester and May Term programs. The final payment is due February 15 for the spring semester and May Term programs. The application/deposit deadline is February 15 for summer programs. The final payment is due April 1 for summer programs.

### *Student Research/Inquiry Abroad*

UT students can collaborate with faculty members to engage in globally focused scholarly activities or research. These experiences allow students to prepare research, attend conferences and present academic work in front of a globally diverse audience.

Students who are invited to assist faculty members with research and present internationally are required to register the international component of the experience with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. Deadlines are March 1 for summer and fall conference travel and October 1 for spring conference travel.

### *Oxford Honors Semester Abroad*

Each year six students are selected and subsidized by the Honors Program to study for a semester under the unique tutorial system in a college of Oxford University while continuing their enrollment at UT. Contact the Honors Program Office for more information.

Participants selected for the Oxford program are required to register with the Office of International Programs by applying, completing pre-departure instruction, and enrolling in UT international health insurance. The application deadline for fall applications is October 1 and the deadline for spring applications is March 1.

### *Risk Management*

The International Programs Office registers and tracks students abroad for the purposes of safety and risk management; therefore, students participating in education abroad programs are required to follow all University of Tampa policies and procedures for international travel, including, but not limited to, enrollment in international health insurance, completion of pre-departure instruction and completion of health and liability forms. The risks and

considerations associated with traveling to various international destinations vary depending on the destination, activity and traveler(s) involved. The International Programs Office monitors country travel advisories and/or public announcements set forth by the U.S. Department of State (and other agencies, e.g., the World Health Organization and the U.S. Centers for Disease Control and Prevention). If a level 3 or 4 advisory is in effect during the planning phase or for the date of intended travel, the education abroad program will be evaluated on a case-by-case basis. Additionally, program cancellation can occur prior to, or during the travel period if there is found to be substantial risk to the traveler.

### *International Student and Scholar Services*

The Office of International Programs advises international students and scholars on issues related to their immigration status while in the United States.

International student advisors assist with advising international students on cultural adjustment, personal, academic and immigration issues, as evidenced by the following:

1. Advising international students and their dependents on maintaining status and complying with immigration requirements.
2. Assisting with visa and immigration documentation as it pertains to visa status.
3. Complying with federal regulations by reporting immigration data through SEVIS.
4. Providing an intensive check-in and international orientation program every fall and spring semester for all new F-1 visa students; and check-in and orientation sessions upon arrival for international visitors and J-1 scholars.
5. Preparing immigration documents for travel, change of degree program, transfer of schools, extension of stay, internships, practical training, and on-campus employment.
6. Offering on-going support throughout the duration of the student's academic program.

In addition, the Office of International Programs serves faculty and staff on international student matters, as evidenced by:

1. Advising faculty and staff regarding student immigration regulations as it pertains to academic and conduct violations.
2. Assisting faculty and staff regarding international student internships, practical training, and on-campus employment.
3. Assisting faculty and staff to stay informed of university initiatives and resources that affect the international student population and advocate on their behalf.
4. Advising faculty, staff and visiting scholars on immigration regulations and visa status.
5. Providing on-going support for international visitors and J-1 exchange.

More information is available at <http://www.ut.edu/international/>.

### *International Students Requirements and Responsibilities*

**Immigration Check-in and International Orientation**  
International students (new and transfer) will attend Immigration Check-in and International Orientation upon arrival at The University. These sessions take place during the week prior to the first day of classes each fall and spring semester.

Students arriving during May Term or Summer Session will contact the Office of International Programs for Immigration Check-in and Orientation procedures.

#### **Full-Time Course Load Requirements**

During the fall or spring semester International undergraduate students will take at least 12 academic credit hours to maintain F-1 visa status. International graduate students will take at least 8 academic credit hours per semester to maintain F-1 visa status.

International students are required to enroll for a full-course load in the summer (May Term, summer 12-week session, Summer 1, or Summer 2) if it is the first semester at UT (University of Tampa) as follows: International undergraduates will take at least 12 academic credit hours total in the Summer 12-week session, OR any combination of 12 credit hours in the following sessions: Summer 12-week session, May Term, Summer 1, and Summer 2. International graduates will take at least 8 academic credit hours total in the Summer 12-week session, OR any combination of 8 credit hours in the following sessions: Summer 12-week session, May Term, Summer 1, and Summer 2.

International students seeking a reduced course load during the fall or spring semester, or first or final semester at UT, will contact the International Programs Office to check eligibility and request a Reduced Course Load (RCL) authorization in their SEVIS record prior to falling below the full-time course of study requirement.

#### **Online Courses and Limitations**

Only one online class may be counted toward the full course of study requirement during the fall and spring semesters.

If graduating in the Summer semester students must be enrolled in a least one credit hour of an in-person face-to-face course attended on-campus.

#### **Degree Program Completion**

International students must make normal progress toward the completion of their degree.

### *Internships, Practical Training and On-campus Employment for International Students*

International students are required to obtain approval from the Office of International Programs prior to engaging in any internships, practical training, or on-campus employment.

Curricular Practical Training (CPT) eligibility:

- Paid or un-paid internships will be for academic course credit OR be an integral part of an established curriculum AND will be related to the student's major field of study.
- Student will have been enrolled at UT on a full-time basis for one full academic year before being eligible for CPT, except when early participation is mandated by the program.
- Student will have a letter from the employer indicating the job title, dates of employment (internship), number of hours of work per week, and a brief position description detailing how the position is related to the student's major field of study.
- Student will work at the internship no more than a total of 20 hours per week when school is in session unless program requirements mandate otherwise (written approval from the Office of International Programs is required). Summer Term exceptions will be approved by International Student Services.
- Student will continue to maintain a full-time course load of study during the period of employment, if CPT participation occurs during regular semesters (fall and spring). Summer Term exceptions will be approved by International Student Services.
- CPT internships may start for up to two weeks prior to the beginning of the semester. CPT Internships will end no later than the last day of the semester in which the internship occurs.
- During the student's final semester, students can take a zero-credit internship only if enrolled in another credit-bearing course.
- CPT internship eligibility is authorized for a specific employer, location, and period approved and recorded in SEVIS. A second internship with the same employer is allowed only if the second internship is under a new supervisor and entails different tasks. A third internship with the same employer is not allowed.
- CPT employment may not delay completion of the academic program. Students who have already completed all degree requirements are not eligible for CPT and should apply for post-completion Optional Practical Training (OPT).

Optional Practical Training (OPT) - Post-Completion eligibility:

- International students are eligible to apply for OPT during their final semester.
- International students will have held legal F-1 student status for one full academic year.
- Employment will be related to the student's major field of study and appropriate to the student's level of education.

#### **On-campus Employment Eligibility:**

International students are allowed to work on-campus during (fall and spring) regular semesters for no more than 20 hours per week while school is in session. Students can work on-campus for more than 20 hours per week during school breaks and vacations.

### *Returning International Students*

Students returning from an absence of no more than one regular semester (fall or spring) will contact the Office of International Programs to request new visa and immigration documents. The Office of International Programs reserves the right to refuse to issue the SEVIS I-20 to returning international students who were not successfully progressing towards their specified degree program prior to withdrawing from the University.

Students who are not enrolled at UT for two regular semesters or more will follow procedures for re-admittance to the University.

More information is available at <http://www.ut.edu/international/>.

## **Experiential Education**

Whether through participating in internships, conducting research, serving in the community, studying abroad or leading campus organizations, students who learn by doing learn more effectively. The University of Tampa has a long history of valuing experiential education. A balanced approach toward theory and practice starts at new-student orientation and extends beyond graduation. UT keeps classes small, fosters individual attention from faculty and emphasizes active learning in the classroom and field research outside it, creating an environment where education through application thrives.

Visit [www.ut.edu/experiential/](http://www.ut.edu/experiential/) for more information.

Building on the strengths of experiential education, The University of Tampa has committed to further improvement through "Learning by Doing: Inquiry-based Experiential Education." This campus-wide initiative will provide students more opportunities to engage in practical, inquiry-based experiential practices. Learn more at [www.ut.edu/qep](http://www.ut.edu/qep).



### *Internships and Practicum*

Every academic discipline has internship opportunities available for eligible students. In fact, some majors require an internship, practicum or clinical experience. More than 8,000 internships in the Tampa Bay area and across the nation are available on Handshake annually. Many internships are paid, and some students participate in multiple internships prior to graduation. Eligible students can earn academic credit for their internships or practicum experiences, but noncredit experiences are also available.

The Office of Career Services offers internship prep workshops and individual internship search appointments to all students throughout the year. Students have access to Handshake, an internship and job posting site for UT's employer partners.

Additionally, 800 of the Tampa Bay area's most successful business leaders are involved at UT on various boards, advisory councils and support groups, giving students a world of professional connections to explore.

Students should plan to discuss internship opportunities with the Office of Career Services and their academic advisor as soon as they choose a major area of study. They can help students plan how to best fit an internship experience into their four-year course schedule plan. Eligibility criteria vary by college and discipline, so students are advised to verify their eligibility and plan their course schedule accordingly. Visit [www.ut.edu/internships](http://www.ut.edu/internships) for more information. The Office of Career Services is a resource on campus that can help students explore internship opportunities and learn best practices for their search.

Internships and practicum provide valuable learning experiences. They allow students to put into practice what is learned in the classroom. Relevant practical experience is an expectation by employers upon graduation. These experiences often provide gateways to a future job or career.

### *Undergraduate Faculty-Mentored Research*

Research allows students to delve into subjects that they are passionate about while developing important analytical skills and learning to collaborate with others. UT offers both credit and noncredit research opportunities in outstanding facilities equipped with the latest tools and technology. Faculty members in all colleges engage in research, some sponsored by outside grants.

Students are often invited to assist faculty members with their research or come up with ideas on their own and find a faculty mentor to guide them. It is not unusual for students to co-author and present papers with faculty members at regional and national conferences. Each year, the Office of Undergraduate Research and Inquiry (OURI) awards Undergraduate Research and Inquiry grants to support student research by providing students with a \$1,000 fellowship and \$2,000 for supplies and travel.

Additionally, OURI funds up to 20 students to work on research and creative inquiry projects during the summer through the Summer Undergraduate Research Fellowship (SURF). SURF students received a \$3,500 stipend, an on-campus housing allowance, and \$2,000 for supplies and travel. More info about these awards can be found at [UT.edu/inquiry](http://UT.edu/inquiry).

In addition to the opportunities offered through OURI, Honors students are encouraged to complete an Honors Thesis, which is an original research project with a faculty member. Approximately 75 students receive academic credit for research-oriented Honors Enrichment Tutorials each semester.

### **Performance and Exhibitions**

Performance courses and exhibitions of work allow students the opportunity to develop professional skills. Disciplines such as art, communication, dance, music, musical theatre and theatre provide venues for students to create and showcase their talents. Students in the arts work with experienced and talented faculty to develop their creativity in varied ways that help to expand their professional development. Hundreds of performance and exhibit opportunities are available on campus and in the community each year.

### *Academic Service-Learning*

A number of courses across disciplines are designated as service-learning courses. Service-learning courses have a component of student service in the community. The goal is for the student to link academic training (theory) with provision of services to a community constituency (application). Theory and application are tied together through classroom discussion, reflection exercises, diaries and activity logs. Additionally, many students gain a sense of civic pride and responsibility through their helping behavior.

Other student benefits include enhanced learning of the academic material, a sense of personal accomplishment and self-worth gained through helping others and another opportunity to link real-world experiences with classroom preparation.

### **Honors Program**

The Honors Program exists to enhance the education of the University's most academically gifted students. It offers an introductory Pathways to Honors seminar and special interdisciplinary, team-taught Honors classes that are designed to enhance creative thinking processes. The Honors Core courses satisfy the general education requirements for Honors students.

In addition, the program offers an Honors Symposia series; special events sponsored by the student Honors Executive Council; "Inspiration through Exploration" awards for travel abroad; scholarships for Honors education abroad; funding for student/scholar presentations at state, regional and national conferences; an Oxford University semester program; an Honors lounge; an Honors Living and Learning

Community in McKay; and Honors housing in other residence halls. Information on the Honors Program is available at [www.ut.edu/honors](http://www.ut.edu/honors).

### *Admission to the Honors Program*

The following categories of undergraduate students will be invited to join the Honors Program:

1. Incoming first-year students who have earned a high school 3.7/4.0 unweighted GPA. Students with 3.5/4.0 unweighted GPA and successful completion of AP, IB, AICE, Cambridge and/or dual enrollment coursework, may be eligible for program admission based upon evaluation by the admissions committee.
2. Continuing students who earn a 3.5 GPA or better at the end of the first, second or third semester.
3. Transfer students who have a 3.5 or higher GPA, are graduates of a junior or community college honors program or, in the case of students returning to school, have very strong recommendations describing recent academic achievements.

### *Continuation in the Honors Program*

Participation in the program is voluntary. Students must demonstrate normal progress in fulfilling program requirements and have at least a 3.25 GPA during the freshman year and a 3.50 thereafter, or permission of the director.

Students must earn 100 ACE points in Academics, Community Service, and Engagement each year. Each activity is worth 10 points. The breakdown of these points must include 40 in academics, 20 in engagement, and 40 in community or choose-your-own.

**ACADEMICS:** Students must earn a minimum of 40 Academic points by attending a minimum of 4 symposia per academic year. Additional points may be earned by: presenting at conferences, writing a thesis, or receiving a research grant.

**COMMUNITY SERVICE:** Students are not required to earn Community Service points; however, they can elect to complete their final 40 points per year in community service or engagement or a combination of both by attending Honors volunteer opportunities or by volunteering with PEACE.

**ENGAGEMENT:** Students must earn a minimum of 20 Engagement points by attending at least 2 Honors events per academic year. Other points can be earned by attending Honors excursions; on-campus Honors social events and activities; serving as a Hon 101/102 mentor; or serving in an Honors leadership role on the Honors Executive Council.

### *Graduating with Honors Distinction*

Seniors who remain active in the Honors Program with a minimum cumulative GPA of 3.5 for all work attempted at the University, who have successfully completed three Dialectics courses, three Idea Labs, and successfully written and defended a thesis will have completed all Honors requirements and will

graduate with Honors Program distinction. "Active" means consistently maintaining the required GPA as well as earning 100 ACE points per year in Academics, Community Service, and Engagement. Graduating with Honors is recognized during commencement, and the students are awarded the prestigious Honors Distinction medallion at a special Honors ceremony.

### *Types of Honors Courses*

1. A two-semester Pathways to Honors experience is required of all incoming first-year Honors students.
2. Special Honors courses open only to Honors students complete the general education requirements for Honors students. These include three Dialectics courses (HON 220, HON 230, HON 240) and three Idea Labs, one each in the Health/Natural Sciences (HON 253), Social Sciences (HON 257), and Humanities/Fine Arts (HON 255).
3. The Capstone experience for Honors is the creation of a thesis. A standard thesis is an original argument that is, at minimum, the length of a publishable article. Creative theses are welcome. Students should attempt to publish or make public their thesis in an appropriate venue, whether that venue is a journal, conference, juried art show, or stage.
4. Honors students may receive credit for Oxford University semesters.
5. Honors courses must be taken for a grade and cannot be taken pass/fail.

### *Course Requirements for the Honors Program* Fundamentum

#### Pathways to Honors (2 Courses)

These courses prepare students for engagement in the Honors Program.

1. HON 101 (1 credit)
2. HON 102 (1 credit)  
Writing and Math

1. AWR 101 Writing and Inquiry (4 credits)
2. AWR 201 Writing and Research (4 credits)
3. MAT 155, MAT 160 or higher (4 credits)  
Honors Core

#### The Dialectics (3 Courses):

A dialectic is a critical investigation of truth through reasoned argument, often by means of dialogue or discussion.

1. HON 220: Where have we been? (4 credits)  
This is a one-semester course that will be taught by one professor in the Humanities, one professor in the Natural Sciences, and one professor in the Social

Sciences. In this one-semester course, students explore the past by studying the foundations and development of various cultures' sociopolitical, scientific, and historiographical foundational ideas from the dawning of time to the 20th century.

2. HON 230: Where are we now? (4 credits)

This is a one-semester course that will be taught by one professor in the Humanities, one professor in the Natural Sciences, and one professor in the Social Sciences. In this one-semester course, students explore the present by studying the foundations and development of various cultures' sociopolitical and scientific foundational ideas in the 20th and 21st centuries.

3. HON 240: Where are we going? (4 credits)

This is a one-semester course that will be taught by one professor in the Humanities, one professor in the Natural Sciences, and one professor in the Social Sciences. In this class, students will explore the future by studying cutting-edge thought innovations shaping tomorrow's world from the varying perspectives represented by each instructor.

Idea Labs (3 courses)

1. HON 253: Idea Lab: Health Science or Natural Science (4 credits)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry to approach problems in either Health Science or Natural Science that present themselves locally (in Tampa Bay) or globally (in society).

2. HON 255: Idea Lab: Humanities/Fine Arts (4 credits)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry to approach problems in Humanities/Fine Arts that present themselves locally (in Tampa Bay) or globally (in society).

3. HON 257: Idea Lab: Social Science (4 credits)

Idea labs are courses in thought experiments. In these courses, students will use critical inquiry approach problems in Social Science that present themselves locally (in Tampa Bay) or globally (in society).

The Thesis

HON 490: Thesis (6 to 10 credits)

A standard thesis is an original argument that is, at minimum, the length of a publishable article. Creative theses are welcome. Students should attempt to publish or make public their thesis in an appropriate venue, whether that venue is a journal, conference, juried art show, or stage.

Students with capstone courses in their major that require an original research/creative project can use these projects as their Honors Thesis if the project meets the guidelines outlined above. Students can work together to co-create a thesis if their director approves.

Students can use transfer credit from another college or university to satisfy the math, academic writing requirements, and 2 of the 3 Idea Labs. AP/IB/AICE credit cannot be used as transfer credit for these courses. No transfer credits may be applied toward the Dialectics.

### *Designation of Courses in Student Records*

Honors courses and Honors tutorials are designated as "Honors" on the student's permanent record.

A student who completes the program is designated as an Honors Program graduate, with all the distinction that the designation implies, and will be awarded the Honors medallion at graduation.

## Leadership Studies

### *Minor in Leadership Studies*

The minor in leadership studies is a 17–20 credit hour program for those students seeking a cross-disciplinary area of study in developing leadership skills. The minor is coordinated by the TECO Energy Center for Leadership and resides in the College of Business. It is designed for students who want to further develop leadership competencies and skills.

Students must complete a change of major/minor form from Academic Advising. Students will not receive a confirmation about the minor until they register for and complete LED 200, the introductory course. Upon completing LED 200, the students are assigned a leadership advisor to guide them through the program and assess their progress along the minor. Advisors are assigned after completion of LED 200.

After acceptance, students complete LED 200 Introduction to Leadership Studies (4). Students then receive a mentor and complete a number of experiential activities that provide a practical foundation in leadership. These activities may include seminars, volunteer work and leadership positions in student organizations. Students compile a leadership portfolio that documents their learning experiences. The portfolio is evaluated by the assigned leadership advisor each semester.

Students also complete three leadership electives (10–12 credit hours) which are determined in consultation with their advisor. In the junior or senior year, after completion of all coursework and experiential hours, students enroll in the capstone course, LED 450 Capstone in Leadership Studies (4), which is only offered in the Spring semester.

Students must maintain a minimum GPA of 2.5 in their courses required for the minor.

### Degree Requirements

#### Program Requirements:

LED 200	Introduction to Leadership Studies	4
LED 450	Capstone in Leadership Studies	4
	Three Electives	12

LED 450: Taken during Junior year but can be taken senior year.

Electives: Students take three electives, each summarized by a written reflection relating to the student's leadership development process. Courses must be taken with prefixes from more than one college. The elective courses should be selected in consultation with the student's leadership advisor.

Total Credit Hours: 17-20

**Total Credit Hours: 17-20**

### Experiential Activities

Under the supervision of the Office of Student Leadership and Engagement, students in the minor must complete a minimum of 90 clock hours in a variety of experiences designed to develop leadership competencies and skills. These activities are completed over the course of several semesters. These are to be selected in consultation with the leadership advisor. Upon completion of each activity/event, or every 30 hours, students must write a reflection paper. Reflection papers are submitted to the advisor and the program coordinator. Students also keep a copy for their leadership portfolios. These hours must be completed prior to enrolling in LED 450.

Visit [www.ut.edu/leadershipstudies](http://www.ut.edu/leadershipstudies) for more information on the leadership studies minor.

### Academic Support Services

The Academic Success Center (ASC) at The University of Tampa provides support services designed to equip students with the tools they need to succeed academically. The mission of the center is to provide academic and exploration support and assist and empower students to take responsibility for their holistic development and academic success. The main focus of the center is to prepare students to become self-supporting, life-long learners. Located in the Technology Building, the center houses the following academic support services:

- **Academic Advising** – In collaboration with UT faculty within the academic colleges who serve as students' primary academic advisors after their freshman year, professional academic advisors within the ASC provide academic guidance by assisting new students with registration and understanding degree requirements, providing continuing students with accurate information on academic policies and procedures, assisting with curriculum and program planning, disseminating information and procedures related to academic petitions and appeals and referring students to

appropriate resources both within the Academic Success Center and across campus.

- **Academic Appeals** – A process available to students requesting exceptions to particular academic policies as outlined in the undergraduate catalog.
- **Academic Coaching** – A voluntary program that pairs undergraduate students with trained peer coaches for the development of strategies that lead to academic success.
- **Academic Exploration** – A process that guides students through the self-exploration process to discover academic interests and passions, explore academic majors and identify strengths.
- **Academic Skill (ASK) Courses** – Courses designed for students who understand that they will need new and different study skills to be successful in the college environment.
- **Academic Tutoring** – Group and individual tutoring is available in a variety of courses. Peer tutors are available to meet with students throughout the semester both through drop-in and appointment sessions.
- **Early Alert Program** – A proactive system of communication and collaboration between faculty, staff and students to identify and address academic issues in a timely manner.
- **Success Scholars Program** – Provides programmatic, financial, and peer support to first generation and/or minority students to assist with their transition into the university and their persistence to graduation.
- **New Student Registration** – This is a comprehensive process which entails pre-registering students in a base schedule of classes prior to arrival on campus based on their choice of major, academic eligibility, subject preferences and seat availability. Students are provided the opportunity to adjust their schedules at a designated time once base schedules are complete through the end of the drop/add period.
- **SOAR (Students Overcoming Academic Roadblocks)** - Designed to help students to overcome academic challenges in the pursuit of their goals. This program implements SOARING SPARTANS, which assists students to connect and engage with campus resources that promote academic success.
- **Strengths-Based Education Program** – Designed to increase students' self-awareness, confidence and psychological well-being by utilizing students' talents for success.
- **Student Accessibility Services** – Provides students with documented disabilities the necessary accommodations that equalize students' access to the educational experience.

- **Testing Services** – Provides test proctoring services to students with documented disabilities, make-up exams, as well as on-site options for CLEP, and distance exams.
- **Transfer Student Services** – New Transfer students have the option to register on their own so long as they have submitted an enrollment deposit and are loaded into the registration system. Students who wish to register themselves with the continuing students must complete a set of online modules before registering to familiarize themselves with university policies, the Baccalaureate Experience, major requirements, and using the student registration system. Transfer students who do not enroll with the continuing class or who are admitted after the registration period will be registered in a base schedule by the Transfer Coordinator and/or an Academic Advisor. This schedule is created based on their transfer work, academic eligibility, subject preferences, and seat availability. Students are offered opportunities to set up individual advising appointments with Transfer Coordinator prior to and after arriving on campus.

For more information about the center and all the services provided, visit [www.ut.edu/academicsuccesscenter](http://www.ut.edu/academicsuccesscenter), email [AcademicSuccess@ut.edu](mailto:AcademicSuccess@ut.edu) or stop by the center of the Technology Building.

#### Saunders Writing Center

The Saunders Writing Center, located in Plant Hall 323, offers free tutorial assistance to all UT students who are working on any type of writing project. Students receive individual support and instruction during the drafting process as they work to improve their ability to draft, revise and edit. Whether in person, or online, the Center is an ideal place for students to share their writing and to receive feedback, individualized assistance and encouragement.

The highly qualified staff of peer tutors is trained by the center director, who has expertise in composition and peer tutoring. Help is available in person on a walk-in basis or by appointment. In addition, students have the option to receive tutoring online via Zoom. For more specific information, please visit the Saunders Writing Center website.

#### Center for Public Speaking

The Center for Public Speaking helps improve students' oral and nonverbal communication skills. The Center provides free coaching and assistance to individuals and small group sessions both in-person and online for students seeking to enhance the quality of their presentations.

The Center's tutors and experienced professionals specialize in PowerPoint, elevator pitches and impromptu speaking, motivational appeals, and persuasive speaking. The staff helps with outlining, audience analysis, visual aids, in-speech citations, deliberate transitions, word choice and phrasing, vocal delivery, techniques for online presentations, and

intentional body movement. The staff is also trained in helping students manage speaking apprehension.

Students are encouraged to visit during any stage of their preparation ranging from brainstorming to final rehearsal. The Center also specializes in outside-the-classroom engagements such as scholarly conferences, job interviews, and (in)formal exchange.

Students may walk-in without an appointment, though scheduling an appointment is encouraged. To schedule a virtual session using Zoom or an in-person session, visit the Center's Instagram [@UTampaSpeech](https://www.instagram.com/UTampaSpeech) and click the link in biography or email the director at [mclements@ut.edu](mailto:mclements@ut.edu).

# Academic Policies and Procedures

The University of Tampa confers the following undergraduate degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Liberal Studies, Bachelor of Science, Bachelor of Science in Athletic Training, Bachelor of Science in Nursing and Bachelor of Music.

The academic procedures are outlined to enable students to gain the greatest benefit from their course of study and to make certain that they satisfy all requirements for graduation.

## Choice of Catalog (Catalog Year) and Continuous Enrollment

When students enter the University, they agree to comply with the curriculum requirements as outlined in the catalog that applies to their term of admission. The catalog outlines all degree requirements. Students must fulfill the requirements stated in their designated catalog or they may elect to adopt the requirements in any subsequent year's catalog published as long as they are continuously enrolled. If a student wishes to change to a new major or add a minor or a second major that did not exist in their designated catalog year, they may choose to do so without adopting changes that may have been made to requirements in their first major or in their baccalaureate experience (general education) program.

Continuous enrollment is defined as being enrolled in classes without a break for two or more consecutive regular semesters (Fall and Spring). Any break in enrollment for two consecutive semesters or longer ends a student's continuous enrollment status. This results in the loss of catalog rights to all catalog choices prior to the break in enrollment. The student catalog year after a break in continuous enrollment becomes the catalog year in effect at the time of re-entry. In the event the University approves major changes in a program's curriculum, every effort will be made to assist students in progressing in a timely fashion in order to avoid prolonging a student's anticipated graduation term. Students in programs that fulfill outside certifications must comply with the most current certification requirements, i.e., teacher certification, which may change after a student's initial term of entry.

## Academic Amnesty

An undergraduate student may appeal for academic amnesty, a recalculation of his or her cumulative grade point average, if both of the following conditions are met:

1. The student has not attended UT for five or more consecutive years.

2. The student re-enrolls after academic dismissal, or after withdrawing voluntarily with a cumulative GPA of less than 2.0.

The student must submit an Academic Appeal to the Academic Appeals Committee, c/o the Academic Advising Office.

If the appeal is approved, all courses taken and the original grades remain on the permanent record. Those courses with grades of A, AB, B, BC, C, CD or D are counted for credit only. The student resumes his or her academic program at UT with no cumulative grade point average and thereafter is subject to the conditions of probation and dismissal that govern all students. Please note: the previous cumulative GPA would still be included in any honors graduation GPA calculation.

## Academic Appeals Policy

The following policy applies to student appeals for exception to some University academic policy, waiver of academic requirements or dispute over student grades. Note: The conditions under which a grade dispute may enter the appeals process are described in the "Grading" section.

1. Requests for exceptions to some academic policies and procedures described in this chapter may begin as Academic Petitions which are submitted to the attention of the Senior Associate Director of Academic Advising, are decided by the Assistant Dean of Academic Services or designee. The Assistant Dean of Academic Services or designee reserves the right to refer petitions to the Petition Advisory Group for disposition.
2. Student petitions on academic issues must be filed using the Academic Petition form. It is the student's responsibility to provide all necessary supporting documentation with the petition when submitted for review. The Assistant Dean of Academic Services, Petition Advisory Group and/or Academic Appeals Committee will consider information from the instructor, as well as information from any other source deemed appropriate for consideration of the petition.
3. If a petition is not answered in a way that satisfies the student, he or she may advance an academic appeal to the Academic Appeals Committee. The student may submit an appeal by the Academic Appeals Committee only if new information is available after a decision has been rendered.
4. The decision of the Academic Appeals Committee is considered final. If the student believes that procedural due process was not followed, he or she may request review by the Executive Committee of

the Faculty Senate, which will render a decision as to whether the Academic Appeals Committee afforded procedural due process to the student in its consideration of the appeal.

## Academic Integrity Policy

This policy was approved by Faculty Senate on April 24, 2020, and supersedes any academic integrity policies previously published by The University of Tampa. It is effective August 1, 2020.

Academic integrity stands at the heart of intellectual life and is a core principle that underpins how we live and learn in a community of inquiry. The University of Tampa is committed to the development of each student to become a productive and responsible citizen who embraces the values of honesty, trust, fairness, respect and responsibility. The community at UT strives to instill values that uphold academic integrity and promotes an ethical standard that does not condone academic misconduct. To that end, this policy has been designed to educate enrolled undergraduate students about the expectation that each student at all times behave with academic integrity and avoid academic misconduct.

## EXPECTATIONS FOR ALL STUDENTS

At the outset, it must be understood that academic integrity is a core student responsibility that encompasses both the individual pursuit of knowledge in an honest manner and accountability for one's actions in achieving academic objectives. Students are expected to act ethically in the pursuit of learning, and to avoid the types of behaviors that impair the effective assessment of learning through grades or other processes designed to quantify when successful learning has been achieved. To that end, students are expected to abide by this policy in all academic endeavors. This includes, without limitation, all course work, examinations, assignments or any activity for in-person, remote, hybrid or online education experiences that may affect a grade or in any way contribute toward the satisfaction of requirements for course completion, program completion or graduation.

No policy is able to list every way in which an academic endeavor can be compromised. Changes in technology, the ease of access to information and even the ability to collaborate across multiple forums have exponentially increased the ways in which students can choose to engage in academic misconduct. Therefore, this policy details by general category the types of activities that are prohibited, regardless of the means or manner in which the prohibited conduct is carried out. Faculty members may consult with the Office of the Associate Provost or designee regarding procedures in dealing with academic integrity violations and academic misconduct cases.

## CATEGORIES OF BEHAVIOR

Academic misconduct can be defined generally as all acts of dishonesty in an academic or related matter. All forms of academic dishonesty and misconduct are considered academic integrity violations and are subject to sanctions. All examples offered below are illustrative only, and do not preclude the imposition of sanctions for other forms of academic misconduct behavior that do not fall within a given category listed below or that impact the classroom experience in any way.

Academic misconduct and/or an academic integrity violation includes, but is not limited to, the following categories of behavior:

1. **Cheating.** Using or attempting to use unauthorized materials or sources in connection with any assignment, examination or other academic exercise, or having someone else do work for you when not expressly authorized by the faculty member.
2. **Unauthorized assistance or collaboration.** Giving or receiving aid on an assignment, examination or other academic exercise without the express prior approval of the faculty member. Unauthorized materials often include online resources advertising their services as “study aids” or “online tutoring”. Students who utilize these services, whether free-of-charge or for a fee, without the express consent of the faculty member are in direct violation of the University policy.
3. **Inappropriate use of others' work (plagiarism).** Using the words, thoughts or ideas of another without attribution or the use of standard citation expectations applicable to the field of study, so that they seem as if they are your own. This type of misconduct can take many forms. The most blatant forms include copying someone else's work word for word or turning in a paper written by another with your name as the author. Other examples include rewriting someone else's work with only minor changes, or summarizing another's work or taking another person's ideas without acknowledging the source through proper attribution and citation.
4. **Compromising examination security or grade integrity.** Invading the security maintained for the preparing or storing of examinations, circumventing security controls, tampering with exam-making or exam-taking software or discussing any part of a test or examination with a student who has not yet taken that examination but is scheduled to do so. Also, changing, altering, falsifying or being accessory to the changing, altering or falsifying of a grade report or form, or entering any university office, building or accessing a computer for that purpose.

5. **Multiple submissions.** Submitting work you have done in previous classes at this or another institution as if it were new and original work. Although faculty members occasionally may be willing to let you use previous work as the basis for new work, they expect you to do new work for each class. Students seeking to submit a piece of work to more than one class must have the written permission of both instructors.
6. **Deception and misrepresentation.** Lying about or misrepresenting your work, academic records, credentials or other academic matters or information, or fabricating academic materials. Examples of deception and misrepresentation include but are not limited to forging signatures, forging letters of recommendation, falsifying academic records, fabricating research, data, sources, giving false sources, misrepresenting contributions in group or team efforts, and altering test answers and then claiming the instructor inappropriately graded the examination. The category of deception and misrepresentation also encompasses any attempt to misrepresent oneself or provide misleading and false information in an attempt to access another user's computer account, and attempts to falsely represent or exaggerate your circumstances to either gain an academic advantage or to negate the effect of sanctions through policies like course forgiveness.
7. **Failing to respect copyright.** Improperly reproducing copyrighted material rather than acquiring the material from an authorized source. This would include the unlawful copying of hardcopy materials and digital materials such as e-books and e-chapters.
8. **Electronic dishonesty.** Using network or computer access inappropriately, in a way that affects a class or other students' academic work. Non-exhaustive examples of electronic dishonesty include tampering with another student's account so that student cannot complete or submit an assignment, stealing a student's work through electronic means or knowingly spreading a computer virus.
9. **Engaging in or facilitating academic dishonesty.** Helping someone else to commit an act of academic dishonesty. This includes but is not limited to giving someone your work product to copy or allowing someone to cheat from your examination or assignment, substituting for another student or permitting any other person to substitute for you to take a test or examination, writing a paper or other assignment for another student either for free or for payment, stealing, buying, selling, giving away or otherwise obtaining without authorization all or part of any un-administered test/examination or entering any university office or building for the purpose of obtaining an un-administered test/examination. Also prohibited is contributing to uploading a faculty member's tests, assignments, notes, lecture slides, projects, solutions, old lab data or other material to websites where this material can be accessed by other students without the express permission of the faculty member.
10. **Coercion or retaliation.** Attempting to obtain a test, examination or other academic information to which you are not entitled by coercive means or harassing or threatening others for reporting or for cooperating with the investigation of possible academic integrity or academic misconduct violations.

## REPORTING PROCESS

Faculty members are responsible for examining any instance of possible academic misconduct within the courses and academic endeavors they supervise. Individuals believing that a student or students have committed a violation of this policy shall report the matter to the faculty member in charge of the academic endeavor at issue. Alternatively, any such matter must be reported to the Office of the Associate Provost, who in turn will provide the information to the faculty member so the report can be assessed. The following are the procedures used in determining if academic misconduct occurred:

## FACULTY PROCESS

1. **Initial Assessment:** After the faculty member gathers all supporting information/evidence pertaining to the violation, the faculty member will initiate the review process within ten business days. All AI violations have to be submitted within the semester in which they occur. However, if the violation is discovered close to the end of a semester (e.g., 2 days before the Registrar's due date for grades), the Faculty member will have ten business days from that day within the semester when the violation was discovered to submit the AI violation. All summer sessions are treated as part of the overall Summer term (May Term, Summer I and II and Summer 12 weeks terms will be treated as one semester).
2. **Notification of Academic Misconduct Review Meeting**
  - a. After the initial assessment is completed by the faculty member, the student will be contacted via their University email account, and the student and the reporting faculty member will meet within five business days.
3. **Student Rights for Academic Misconduct Review Meeting**
  - a. Students accused of academic misconduct have the right to:
    - i. Be notified in writing via their University e-mail account regarding the alleged academic



misconduct and academic misconduct procedures at least one (1) business day prior to their academic misconduct review meeting.

- ii. Review any submitted complaint and evidence of academic misconduct during the academic misconduct meeting.
- iii. Present information on their own behalf at the academic misconduct review meeting.
- iiii. Accept responsibility at the academic misconduct review meeting for the complaint of academic misconduct. If a student accepts responsibility at the academic misconduct review meeting, they will waive any procedural appeal rights upon accepting responsibility.
- iiiii. Deny responsibility at the academic misconduct review meeting and request the Academic Integrity Committee determine responsibility for the alleged academic misconduct.

#### 4. Academic Misconduct Review Meeting

- a. The academic misconduct review meeting is a private meeting with the faculty member, the student who is responding to the alleged academic misconduct, and an academic witness. If these private meetings are unable to be held in-person, then these meetings may be conducted in a face-to-face virtual format using a University-approved video conferencing platform when needed. The witness must be any full-time faculty member. This witness is present as a neutral entity who may not make suggestions about the level of sanctions. This academic witness may answer any questions for the student or faculty member regarding the Academic Integrity Policy and these reporting procedures. The academic witness will also sign the reporting form, acknowledging that they understand their role and have acted accordingly.
- b. Parents and other parties are not permitted in this meeting, in person or otherwise. If the meeting is conducted using a face-to-face virtual format, the instructor should state at the beginning of the meeting that no other persons than the instructor, student and witness may participate in the meeting. The student and witness should state no other persons are present. Violation of this process may result in a Student Conduct referral.
- c. Academic Integrity meetings will not be recorded.
- d. The faculty member will explain the alleged academic misconduct to the responding student.
- e. The faculty member will conduct an interview with the responding student and the responding student may accept responsibility for the academic misconduct. The faculty member may at that time assign appropriate sanctions. If the faculty member determines, after meeting with the student, that one or more policy violations have occurred, the student will be told of the sanction and asked to complete and sign the Academic Integrity Reporting form. Within the form, the student has the option to either accept the violation and proposed faculty sanction, or to request a determination of the academic violation by the Academic Integrity Committee. Determination of the academic violation by the Academic Integrity Committee does not constitute an appeal. If the student does not complete the form during the meeting, the student will have one (1) business day to return and complete the form. After the time has elapsed, the form will be forwarded to the Office of the Associate Provost for adjudication by the AIC.
- f. The faculty member may recommend the allegation of misconduct be dismissed.
- g. If a student is uncooperative (i.e., non-responsive, refusing to promptly meet or unwilling to sign the reporting form), the faculty member should forward the reporting form to the Office of the Associate Provost for adjudication by the AI Committee

### *ACADEMIC INTEGRITY COMMITTEE PROCESS*

#### 5. Student Rights for Academic Integrity Committee Procedures

- 1. Responding students have the right to:
  - a. Be notified in writing via their university e-mail account about the alleged academic misconduct and Academic Integrity Committee procedures.
  - b. Review any submitted complaint of academic misconduct that will be reviewed by the Academic Integrity Committee.
  - c. Three (3) business days to submit information on their behalf regarding the academic misconduct violation to the Academic Integrity Committee. Information must be submitted electronically to the Office of the Associate Provost.
- 6. Academic Integrity Committee
  - 1. The Academic Integrity Committee will have a minimum of three (3) voting members to establish quorum during meetings.
  - 2. Academic Integrity Committee meetings are closed meetings. The Committee will review the submitted complaint of academic misconduct and will review information submitted by the responding student if

applicable. Parties will not be permitted to appear before the Committee.

3. The Committee will determine using the preponderance of the evidence standard whether a violation of academic misconduct has occurred. This decision will be made by a majority vote of the members reviewing the academic misconduct.
4. The Committee will issue sanctions to a responding student if they are found responsible.
5. The Committee will communicate the decision of responsibility to the appropriate educational parties.

## SANCTIONS

When a responding student admits responsibility or is determined to be responsible by the AI Committee for academic misconduct, the Office of the Associate Provost or designee may review/revise sanctions by the assigned faculty member and Academic Integrity Committee to ensure the appropriateness of the sanction(s) for the violation of academic misconduct, and to ensure consistency for violation sanctions.

1. **Sanctions by a Faculty Member:** A faculty member cannot sanction a student for an academic integrity violation without formally submitting a Reporting Form for Academic Integrity Violation or Academic Misconduct Violation to the Office of the Associate Provost. A faculty member can impose sanctions limited to the course where the academic integrity violation occurred. Depending on the severity of the academic integrity violation, sanctions may include:

- Make-up assignment at a more difficult level
- Reducing the grade on the student's work containing the violation
- Awarding no credit for the work in question
- Reducing the course grade for the student regardless of accumulated course grade points
- Fail the student from the course.
- Also, faculty may use their discretion regarding additional sanctions such as requiring the student to complete some activity designed to strengthen and/or test the student's understanding of the academic integrity policy.

When a sanction allows a student to continue in the course, the student will not be allowed to complete an evaluation of the faculty member at the end of the course.

When an academic integrity violation is so severe that the faculty member decides that sanctions at his/her level are insufficient, the faculty member can request the determination of sanctions by the Academic Integrity Committee.

1. **Sanctions by the Academic Integrity Committee:** In all cases in which the student requests a determination by the Academic Integrity Committee, the Committee serves as the reviewer on whether the violation(s) occurred and also determines the sanctions imposed. The Committee may (1) Find the student responsible and support the instructor sanction, (2) Find the student responsible and modify the instructor sanction, (3) Dismiss the violation. In instances when the violation is dismissed, faculty have the authority to assign the student grade based on academic performance. Sanctions depend on the severity of the academic integrity violation and prior AI violations. Sanctions may include those suggested by the instructor such as reduction of an assignment grade, reduction of a course grade or failure of the course although the AI Committee may use its discretion in awarding alternate sanctions. The reporting Faculty Member may not change the sanction once the review by the AIC is complete and adjudication is done.
2. **The Office of the Associate Provost** will inform the Committee of any previous violations for the student. If the Office of the Associate Provost informs the Academic Integrity Committee that the student has had a previous violation, then the Academic Integrity Committee may determine that the sanction should be a period of academic suspension or expulsion from the University. Depending on the severity of the violation, the Committee may suspend or expel a student for a first academic integrity violation.

Students who are found responsible for academic integrity violations may repeat the course, but are not eligible for Grade Forgiveness for the grade received in the course in which the academic integrity violation was committed.

## APPEAL OF ACADEMIC INTEGRITY VIOLATIONS AND SANCTIONS

If the Academic Integrity Committee finds a responding student responsible, the responding student may file an appeal of the decision of responsibility to the Office of the Associate Provost within two (2) business days from receiving notification of the decision to their University e-mail account. Appeals shall be limited to a review of the information provided within the original decision and any supporting documents submitted with the appeal for one or more of the following purposes only:

- To determine whether the Academic Integrity Committee decision process was conducted in conformity with the prescribed procedures. If a

procedural error occurred, it needs to be sufficient to alter the decision of the case.

- To consider new information, sufficient to alter a decision, that was not available at the time of the Academic Integrity Committee decision because the information and/or facts could not have been known to the responding student at the time of the original decision.

The Office of the Associate Provost or designee, in their sole discretion, will determine if the appeal is eligible for review by meeting the criteria outlined above. The appeal process will not involve additional hearings and no additional parties will be involved. The Office of the Associate Provost or designee has the authority to render the following decision:

- Determine the appeal is not eligible for review
- Return the case to the AI committee for reconsideration
- Affirm the decision imposed by the AI committee
- Modify the decision of the AI committee
- Modify the sanctions imposed by the AI committee

All appeal decisions are final. Students will be notified in writing of their appeal decision via their University e-mail account.

## STATUS DURING PROCESS

In general, a student will remain enrolled in and cannot withdraw from a course or participation in other academic endeavors pending the outcome of any process under this policy. Once an official violation accusation has been made, the student may not withdraw from the class until the accusation is resolved. The Office of the Associate Provost must notify the Registrar and/or the appropriate degree program director that the student cannot drop the class or withdraw from the University.

In cases where the AI processes continue beyond the Registrar's grade deadlines, instructors should input grades of Incomplete for the student(s) with pending AI violations and change the Incomplete to the final grade once all adjudication is complete.

If the student is found not responsible, the student will be given a letter acknowledging that the student was not responsible for the alleged violation and the student may choose to withdraw from the course or from the University. If the published withdraw date has passed, the action of the Committee shall supersede the published drop date so the student will still have the opportunity to withdraw without any penalties by the university. Before making a withdrawal decision, students are encouraged to see student financial services to be sure they understand

any consequences outside the University related to withdrawal that are as a result of the regulatory or other requirements associated with any financial aid. If the student is found responsible for the academic integrity violation by the instructor, the Academic Integrity Committee or upon appeal found responsible by the Office of the Associate Provost or designee, the sanction will be imposed and the student will receive a grade in the course. If the student found responsible has withdrawn from the course, s/he will be re-enrolled, and a grade for the course recorded.

Moreover, if a possible violation is pending a determination when a student is scheduled to graduate, the student's degree may be withheld at least until the matter is resolved. The Office of the Associate Provost will notify the Registrar and/or the appropriate degree program director, as needed, to effectuate this restriction.

If a student withdraws from the University before the academic integrity violation process has concluded, the University reserves the right to deny the student readmission to UT pending the conclusion of the process.

## ADDITIONAL INFORMATION

For the purposes of the Academic Integrity policy, "day" is defined as when the University is in session according to the official/published University calendar. Deadlines noted in the policy may be adjusted as needed by the Office of the Associate Provost.

## RECORDKEEPING

All academic integrity records for which a student was found responsible are maintained by the Office of the Associate Provost. Records include but are not limited to reporting forms, supporting documents, appeal information and other associated documentation relevant to the Academic Integrity process and procedure. As of August 1, 2022 all academic integrity records will be maintained electronically in Advocate for five (5) years after the date of the last responsible violation. Records of actual sanctions imposed which appear outside the file (for example, an "F" grade) will continue to exist beyond the Office of the Associate Provost's maintenance of the record. In instances when a student has been suspended or expelled as a result of an academic integrity violation, a student's record may be maintained indefinitely.

## Award of Posthumous Degree

The University of Tampa may award a posthumous baccalaureate degree to a student who dies before completing all the requirements for the degree being pursued. Such degrees are designated on diplomas as “In Memoriam” in recognition of the academic achievement of the deceased student. In awarding such a degree, the University acknowledges the loss to the university community, family, and friends and the enduring connection between the deceased student and The University of Tampa.

To be eligible for the award of a posthumous degree, the student should usually have met the following conditions:

- At the time of death, the student was enrolled in his or her senior year.
- The student was in good academic and disciplinary standing and was progressing successfully toward completion of the degree to be awarded.
- Recommendation for the degree is made from the student’s major department and approved by the provost and the president.

Exceptions to these guidelines may be made in extraordinary circumstances by petitioning the Senate Executive Committee who will make a recommendation for the award to the provost and president.

## Calendar

The University’s academic year is divided into two semesters, a two-week May Term, several summer sessions and graduate intersessions. The calendar, however, permits students to enroll in any of several combinations of 7-week and 14-week classes during the course of each semester. The 14-week classes span the entire length of the semester, whereas the 7-week classes are conducted during the first or second half of each semester.

The appropriate beginning and ending dates applicable to the 7- and 14-week classes are indicated on the Academic Calendar found in this catalog and on [www.ut.edu/academic-calendar](http://www.ut.edu/academic-calendar). The class schedule has a complete listing of 7- and 14-week classes. The class schedule is available at [www.ut.edu/schedule](http://www.ut.edu/schedule).

## Cancelled Classes

The University reserves the right to cancel any class listed in the Live Course Search. In the event a class is cancelled, the students registered for that class will be notified as soon as possible. Another course may then be added by the student — and any resulting schedule adjustments made by the student — during the normal drop/add period. The live class schedule can be viewed by accessing Workday through MyUTampa at [www.ut.edu](http://www.ut.edu).

## Course Load/Credit-Hour Overload

A student taking at least 12 credit hours of undergraduate work during the course of a regular fall or spring semester will be considered a full-time student. The average load for undergraduates is 15 to 18 hours. Graduate students taking at least 8 credit hours per semester are considered full time for federal student aid purposes. Full time for undergraduates during summer session is 5 credits per each of the summer 1 or 2 sessions, or 10 hours for the summer 12-week term. Graduate students are considered full time at 3.25 credits per summer 1 or 2 session, or 6.5 hours for the summer 12-week session.

To be eligible for a course overload (more than 18 credit hours in the fall or spring semester or 9 hours in an individual summer session), a student must have a “BC” average (2.5) cumulative GPA and be enrolled full time at the time of the overload request. Overloads will not be allowed for students on Academic Probation (cumulative GPA below 2.0). Be aware that there are minimum graduation requirements in both the major and cumulative GPA.

Credit hours taken over 18 during a regular semester will be assessed a charge at the per-credit rate. Summer session credits are charged at a per credit rate. The maximum overload is 22 credit hours in the fall or spring semester or 12 credit hours in an individual summer session (excluding May Term). Overloads will not be allowed during winter/summer intersession or May Term. Exceptions will be made only for institutional pre-approved study abroad trips requiring travel during the winter/summer intersession or May Term.

Education students in the Final Student Practicum are limited to 18 credit hours.

## Credit Hours and Honor Points

A credit hour is the unit of credit earned for the completion of a subject that normally meets one hour each week for 14 weeks or two hours each week for seven weeks.

A system of honor points is used to evaluate the quality of work done by the student in completing courses. Honor points are awarded on the basis of the point value of the grade, multiplied by the number of credit hours carried by the course.

## Dean’s List

The dean’s list is composed of undergraduate students who have achieved a grade point average of 3.75 or better during the semester, while taking at least 12 credit hours of graded work (A-F). Students remain on the list as long as they maintain an average of 3.75 or better. Students who have received an incomplete grade for the given semester will not be named on the

dean's list until a grade confirming dean's list honors has been recorded by the registrar. The dean's list is compiled at the conclusion of each semester. Any student who has been found responsible for a violation of the Student Code of Conduct during the semester may not be named to (or excluded from) to the dean's list.

## Declaring/Changing Your Advisor or Major

All undergraduate students are assigned an academic advisor upon admission. If a major area of interest has been indicated on the admissions application, the student's major will be indicated in the system. First year students enrolled in BAC/HON 101/102 are initially advised by a professional academic advisor in the Academic Success Center and will be reassigned to a faculty advisor related to their major discipline upon completion of their second 14-week semester of coursework. Students enrolled in BAC 103/104 will be assigned to a faculty advisor related to their major discipline. Students enrolled through Continuing Studies are advised by staff advisors in that office.

Students who want to request a change of academic advisor may do so by filling out a change request form on SpartanNet.

Students who want to change/declare a major may do so by completing the request in Workday. Students must officially declare a major by the time they have earned 60 credit hours.

## Disruptive Classroom Behavior Policy

**Disruptive behavior prohibited:** Disruptive behavior in the classroom or during an educational experience is prohibited. The classroom and educational experience include in-person educational experience as well as online educational experience. Disruptive behavior includes conduct that interferes with or obstructs teaching or the learning process. Civil expression of disagreement or views opposing those of the course instructor during the times and using the means permitted by the instructor is not itself disruptive behavior and is permitted.

**Course instructor - authority and responsibility:** The course instructor is authorized to establish rules and other parameters for student behavior and participation during the course or other educational experience supervised by the course instructor.

**Temporary removal from class or other educational experience:** If a student or students, acting individually or in concert, disrupt or attempt to disrupt the course or other educational experience, the course instructor is authorized to follow several options, depending on the severity and/or frequency of the offending behavior. The course instructor is

authorized to instruct the offending student(s) to stop the disruptive behavior or to instruct the offending student(s) to leave the class or educational experience. The course instructor may contact Campus Safety if the student(s) fails to follow the instructor's instruction. The course instructor must immediately call Campus Safety if presented with an unsafe situation, threatening behavior, violence, knowledge of a crime, or similar circumstances.

**Interim measure:** In the case of severe and/or frequent disruptive behavior, the applicable academic dean may, upon request from the course instructor, temporarily remove the student(s) from the educational experience pending determination of responsibility under the University's Student Code of Conduct.

**Student Code of Conduct:** Violation of this Disruptive Classroom Behavior Policy also constitutes a violation of the University's Student Code of Conduct.

**Referral to the Office of Student Conduct and other sanctions:** Depending on the severity and/or frequency of the disruptive behavior, after consultation with their academic dean or their designee the course instructor may refer the offending student(s) to the Office of Student Conduct for further action and possible sanctions, perhaps including involuntary withdrawal (with or without failure of the course) from the relevant course, under the University's Student Code of Conduct. If a student is involuntarily withdrawn from the course, the appropriate grade of W or WF will be entered for them. If a student is temporarily removed from a class due to disruptive behavior, they will not be able to make up graded work or activities missed during the absence.

**Appeals under this policy:** Any appeal of the determination under the University's Student Code of Conduct shall be as stated in the published policy for such appeals.

## Dropping and Adding Courses

The "Drop/Add Period" is defined as the period at the start of each term when students may add courses to their schedule and drop courses without a record of registration on the transcripts. Refer to the Academic Calendar for the last day to drop/add for each term.

### Drops

Students who:

- drop a 14-week course by end of the drop/add period, or
- withdraw from the University within the first five days of the semester, or
- who drop a 7-week class within the first five days,

will have no record of registration in that course on their permanent records and will not be charged drop fees.

To request to drop a class after this initial period, a student must submit an Academic Petition to the attention of the Academic Advising Office. Requests for a late drop from a course or courses must be received by the end of the third week of the term the course or courses are intended to be taken.

## Cancellation for Non-Payment

Students whose class schedules have been cancelled because of an unpaid account, incomplete University payment plan installments or for unconfirmed financial aid resources, must follow reinstatement procedure as outlined by the Bursar's Office. Students who do not satisfy their financial obligations or request reinstatement by the end of the reinstatement period are not permitted to attend classes or remain in University housing.

## Adds

Students may add 14-week structured classes on a space-available basis through the first five days of the semester and may add structured 7-week classes through the first five days of each 7-week period. No signatures are required and no add fee is charged during this period.

To request to add a class after this initial period, a student must complete the Late Add Form and submit it as part of an Academic Petition to the attention of the Academic Advising Office. The Late Add Form requires the following approval signatures before submitting as part of an Academic Petition: instructor, department chair, and dean or dean's designee.

Requests to late add a course to a term must be received by the end of the third week of the term the course or courses are intended to be taken. Late adds will not be given if the student was not eligible to or did not register for courses during the drop/add period.

Students may add approved Independent Study classes and/or internships through the first three weeks of the semester by filing the applicable form(s) and obtaining appropriate signatures. Internships cannot be late added to a concluded semester.

## Withdrawals

Students who drop or withdraw from a course after the drop/add deadline and during the first 10 weeks of classes for a fall or spring 14-week course or during the first five weeks of classes for a 7-week course will receive a grade of "W" on all courses dropped or

withdrawn. Students who drop or withdraw from any course are no longer permitted to attend that course.

The Academic Calendar indicates the last day a withdrawal is allowed for all terms. First-year students may not drop or withdraw from First-Year Experience (BAC) sections. Requests for withdrawals from a course or courses after the published withdrawal deadline must be submitted by the 7<sup>th</sup> week of classes of the subsequent fall or spring semester.

## Fees

Following the initial period for dropping and adding classes, students are assessed a drop/add fee (\$30) each time a change is processed.

## Electing Courses on an Audit (No Credit) Basis

To audit an undergraduate class, a student registers by submitting an application form and application fee. No records of previous academic work need to be submitted. Auditors may register after students taking the course for credit have been accommodated. Auditing requires both availability of space and permission of the instructor of the class. Graduate classes may be audited only with prior approval from the Office of Graduate and Continuing Studies, and academic records are required prior to registration. Auditing students are subject to any classroom rules or policies of the instructor, including absence rules.

See Auditor Student Tuition in the Costs and Financial Information chapter of this catalog.

Auditors may attend all classes of the course for which they are registered, but they normally do not actively participate in the class, and their written work is not corrected or graded.

Auditors receive the grade of "AU" ("Audit") for the course or courses that they have attended as auditors and may request a transcript from the Registrar's Office. The grade of "AU" may not be converted to a credit grade after the course is completed.

While the course is in progress, auditors who decide to change their registration to full credit must make arrangements at the Registrar's Office during the drop/add period and pay the full tuition charge(s) for the course(s).

## Electing Courses Graded Satisfactory/Unsatisfactory

Juniors, seniors and post-baccalaureate students in good standing may elect up to a total of 8 credit hours graded on a satisfactory/unsatisfactory (S/U) basis. This does not include courses that are offered only on a satisfactory/unsatisfactory basis and that are available

to the entire student body. Credit is granted for satisfactory performance, and no credit is granted for unsatisfactory performance. In either case, no honor points are granted. The student's overall grade point average is computed independently of the results from courses graded on a satisfactory/unsatisfactory basis.

Courses required in a student's major or minor, prerequisites for courses required in the major or minor, those used to satisfy general curriculum distribution requirements and professional education courses may not be elected on an S/U basis.

Students must elect the S/U option before the end of the first week of classes by filling out the S/U form available in the Registrar's Office or the Academic Advising Office. This form must be signed by the instructor and then delivered to the Registrar's Office. Courses may be changed to the S/U option or back to the regular grading system only through the initial drop/add period for each semester or summer term — the first five days of a 14-week class, the first three days of a 7-week class or the first three days of a summer term class.

The deadlines for each term are indicated on the Academic Calendar in this catalog.

## Final Examinations

The last four days of the Fall and Spring semesters shall be set aside for final examinations. A period of two hours shall be allotted for each final examination. If a student has multiple exams scheduled at the same time or has three or more examinations scheduled on the same day, the student may request the instructor in accordance with the parameters below to reschedule one of the student's examinations. The request must be submitted to the instructor a minimum of 2 weeks before the final examination in writing including documentation of the conflict.

The priority of examinations shall be determined in the following manner:

1. Examinations for graduate-level courses have priority over examinations for undergraduate-level courses.
2. Within the level of the courses, undergraduate or graduate, examinations for numerically higher numbered courses have priority over lower numbered courses. Example: A course numbered 670 has priority over a course numbered 500, and a course numbered 410 has priority over a course numbered 244.
3. If the course numbers are tied, then a course within a student's major has priority over a course outside of their major.
4. If after applying items 1, 2, and 3, there remains a conflict, priority shall be given to the course with the prefix closest to the beginning of the alphabet. Example: COM 325 would have priority over SOC 325.

The final examination schedule shall be published by the Registrar.

The instructor of the course with lower priority shall provide an alternative final exam time during the final exam period that adheres to the final exam policy.

## Final Grades

All semester, summer and intersession grades will be available for students to view on Workday. Students also may obtain their grades from their instructors. Each student's permanent academic record is maintained by the Registrar's Office.

Once a degree is conferred, all work toward that degree is considered complete and no grade changes are permitted.

Official transcripts of this record may be released to the student or to others with the student's written permission. There is a charge for each official transcript issued. Unofficial copies of transcripts can be accessed from SpartanWeb through September 2020, and then transition to become accessible via Workday. Official copies of transcripts also may be requested at [www.ut.edu/registrar](http://www.ut.edu/registrar). There is an additional charge for transcript requests made online. Final grades from each semester are available on Workday after the end of the grading period.

## Frequency of Course Offerings

The frequency with which each course in the curriculum is offered may be indicated in the Course Descriptions chapter of the catalog. These indications are meant only as a guide for planning purposes.

The University will make an earnest effort to offer the courses when indicated but reserves the right to offer them more or less frequently as circumstances dictate. Students should check with the appropriate college for information concerning the exact terms in which individual courses will be offered.

## General Attendance

Students are expected to attend classes. An academic program or individual instructor may require a specified level of attendance as a condition for successfully completing a course. Likewise, instructors may assign a portion of final course grades based on attendance and/or participation. Faculty must inform students of attendance requirements on syllabi.

### Excused Absences

There are two categories of excused absences for which accommodations will be made by the faculty: scheduled and unscheduled.

Scheduled absences involve time conflicts that are known in advance, for which students have notified their instructors. Acceptable reasons for scheduled

absences include:

- Court-imposed legal obligations (e.g., jury duty and subpoenas)
- Medical procedure
- Required participation in University-sponsored events (e.g., performances, athletic events, academic research presentations)
- Observation of religious holy days
- Requirements of military service

Unscheduled absences involve unforeseen emergencies such as illness, injury, hospitalization, deaths in the immediate family, consequences of severe weather and other crises. Students should contact instructors as soon as possible in these cases. Instructors may require documentation or verification to excuse unscheduled absences.

Employment schedules, athletic conditioning and practice schedules and personal appointments are not valid reasons for scheduled absences.

Faculty may consider applying the excused absence rules for other activities deemed appropriate on a case-by-case basis. Advanced written notification (within the first two weeks of the beginning of the semester, or, in exceptional cases not scheduled prior to a given semester, as soon as the student becomes aware of the activity) would be required by any student asking for the excused absence along with a rationale for why their activity should be allowed. Faculty may state in their syllabus whether they will allow such exceptions. No faculty member is required to make allowances beyond official policy, but students should be notified so they may plan accordingly.

In order to maintain the integrity of the course content, faculty may limit the total number of allowable absences.

### **Procedures for Excused Absences and Make-up Work**

Students must give notification to their instructors of scheduled absences in advance as soon as they are aware of it (for approved reasons as noted above). In the event of an emergency unscheduled absence (as described above), students must contact their instructors as soon as possible and provide documentation if required.

If an absence qualifies as an excused absence as defined above, the instructor will accommodate the excused absences in a fair manner. Instructors will provide an alternative opportunity to replace missed work or assignments; however, arranging to replace missed work is the responsibility of the student.

If an excused absence coincides with other graded work (e.g., homework collection, in-class activities, quizzes, presentations, activities, etc.), the student shall be given

an opportunity to replace such work or shall not have that work averaged into the student's grade, at the discretion of the instructor, provided it is not identical to the course's stated accommodation for an unexcused absence. An instructor may determine that missing a certain amount of participation-dependent activities (whether excused or not) precludes successful accomplishment of learning outcomes. In cases like this, the instructor may advise students to withdraw from such courses.

Making up work for unexcused absences may be allowed or declined entirely at the discretion of the instructor.

### **Court Imposed Legal Obligations**

The University respects the need for all citizens to serve on a jury when called to duty. If a student serves as a juror, class absences will be considered excused when the student provides advance notice to the instructor, the instructor acknowledges the request and the student provides written verification of jury selection and proof of service.

Any potential student juror may notify the court of conflicts or undue hardship and request an excuse from service. The individual student must make the decision as to whether jury service will present an undue hardship and then take the affirmative action to request to be excused from service and may need to provide a written explanation to the court. If a student does not request to be excused and is selected to serve, the student may miss a prolonged period of time resulting in the inability to complete the academic requirements of classes.

### **Documented Medical Attention for Illness**

Students are excused for absences due to documented illnesses or injury that require medical attention. Such absences should be for urgent or emergency situations; regular medical appointments are not covered by this policy. Documentation must be provided from a licensed health care provider and clearly indicate that the student is unable to attend class. While students should not attend class with infectious conditions, even if medical attention is not sought, the decision to excuse absences from undocumented illnesses is at the discretion of the individual instructor. Extended illnesses may interfere with the successful completion of courses, and in such cases a student may want to withdraw from the course. After the withdrawal deadline, students may submit an academic petition with proper documentation to withdraw from courses or use the medical withdrawal policy as an option.

### **Documented University Sponsored Activities**

The University recognizes the importance of



participation in University-sponsored activities such as musical and theatrical performances, athletic competitions and research presentations. It also recognizes that such participation may result in conflicts with scheduled class times. It is the responsibility of participating students to provide a full list of anticipated conflicting days to instructors by the end of the first week of the term, and directors and advisers of University activity programs have an obligation to assist students with this task. Students are responsible for identifying potential absences specific to a particular class and notifying individual instructors of these conflicts. Please note that a general schedule for a team or ensemble does not satisfy this notification requirement. Students should provide instructors with addenda (e.g., end-of-season tournaments, newly scheduled events or rescheduled events) that result in new conflicts as soon as they are available. Directors and advisers of University activity programs should consult with participating students prior to registration to help them choose courses that do not have excessive anticipated conflicts.

### Notification of Observed Religious Days

Care will be given to schedule required classes and examinations in view of customarily observed religious holy days. Students must provide written notice to their instructors at the beginning of each academic term if they expect to be absent from a class or a scheduled examination for the observance of religious holy days. No student shall be compelled to attend class or sit for an examination at a day or time when such activity is prohibited by his or her religious belief, as long as the student has provided timely notice.

Any student who believes he or she has been treated unfairly with regard to the above may seek review beginning with the department chair, and if no resolution is reached, with the dean of the college.

### Military Service

An undergraduate who is a member of the U.S. military, National Guard or other armed forces reserve unit who is called or ordered to active duty may be granted excused absences from the University of Tampa. In order to maintain the integrity of the course content, faculty may limit the total number of allowable absences.

In cases of an extended deployment, a withdrawal from the University may be necessary. Before deciding to withdraw, it is highly recommended that the student work with their professor and academic advisor to see if course work and exams can potentially be finished prior to the deployment period or with an acceptable number of excused absences. If the student is unable to complete the course prior to their absence, the student may be granted a grade of Incomplete ("I") if it is reasonably expected that the course work can be

completed at a later date. This option would have to meet the same requirements for the grade of Incomplete discussed in the UT Catalog and is subject to the approval of the instructor of the course.

To support the excused absences, a student **must be able to provide a copy of their deployment or activation orders and complete the military service leave application**. This documentation must be provided to the Spartan Support Program or designee prior to their departure. If the course cannot be completed prior to their absence, the student must officially withdraw from the course or follow the process for receiving an Incomplete as described above. If a withdrawal is necessary, please refer to the withdrawal policy in the UT Catalog.

Students who are attending UT while using the Montgomery G.I. Bill, Post 9/11 G.I. Bill or any other such benefit must speak to the Assistant Registrar for VA Benefits and Academic Records to determine the effect of absence on these benefits as each instance will have to be reviewed on a case-by-case basis.

## Grade Appeals

Grading is the prerogative of the instructor. In the case of a disputed grade, an undergraduate student must:

1. First contact the instructor and request reconsideration.
2. If the student wishes to continue the grade appeal following a meeting with the instructor, he or she must file a written appeal with the professor's department chairperson. Written notification must be received no later than the completion of the seventh week of the term following the semester in which the grade was awarded.
  - a. If the contested grade was awarded in the fall semester or winter session, this appeal procedure must be initiated no later than the end of the seventh week of the following spring semester.
  - b. If the contested grade was awarded for the spring semester, intercession or summer session, this appeal procedure must be initiated no later than the end of the seventh week of the following fall semester.
3. Students who are dissatisfied with the chairperson's evaluation and wish to appeal their decision must put a request in writing to the dean (or dean's designee) of the instructor's college within one week of the chairperson's decision. The dean (or designee) will review the appeal and other

pertinent materials and render a decision regarding the grade under appeal.

- a. This decision will be final except in case of a verifiable error in procedure, only supportable by documentary evidence. In this case, the student may present the documentation of specific errors in the grade appeal procedures that denied him/her a reasonable opportunity to participate in the process to the Academic Appeals Committee. The procedural error must be specifically stated in the request to the Academic Appeals Committee.

Please note that disputing general fairness and/or dislike of the grade are not acceptable grounds for a request to the Academic Appeals Committee. The Academic Appeals Committee will determine the sufficiency of any review request based on these criteria. If it is determined, there are not sufficient grounds for a review, the review request will be dismissed and the student notified. If it is determined that sufficient grounds are stated, the Academic Appeals Committee will meet and review the grade appeal procedures specific to the case.

No course grades will be subject to change after final graduation certification.

See the Office of Graduate and Continuing Studies section of this catalog for the policy on academic appeals for graduate students.

## Grade Forgiveness Policy

Subject to the guidelines below, a student may retake up to three courses under the University grade forgiveness policy to replace a grade previously earned in a course. This policy does not apply to courses in which the student earned a grade of "C" or better, but only to courses in which a student earned a grade of less than "C".

Please note that the BAC 101, BAC 102, BAC 103, BAC 104, HON 101 or HON 102 courses may only be retaken for grade forgiveness the next semester (fall or spring) the course is offered. After that time, BAC 101, BAC 102, BAC 103, BAC 104, HON 101 or HON 102 may not be retaken or used for grade forgiveness.

The required procedure and other guidelines for the grade forgiveness policy are as follows:

1. The student must complete and submit to Academic Advising in the Academic Success Center a Request for Grade Forgiveness form. If the form is properly completed and all requirements for the grade forgiveness are satisfied, the Academic Advising Office will sign the form and forward the form to the Registrar's Office for processing. The final deadline

for filing any Request for Grade Forgiveness Forms is the last day of final exams during the semester in which the student graduates.

2. All grades remain on the student's transcript. The original course attempt will have an annotation of a Z next to the original grade indicating that the course has been repeated for forgiveness.
3. Both the forgiven course and the repeated course must be taken at The University of Tampa under the standard grading system (A–F, including NF and WF); forgiveness of S/U courses is not permitted. If the student withdraws from the course being repeated, the withdrawal or "W" grade cannot be used for grade forgiveness.
4. The student is permitted to file for grade forgiveness for the same course only one time.
5. Without utilizing grade forgiveness, the student who repeats the same course at UT will receive credit only once for the course (unless the course is listed in the catalog as approved for multiple attempts), and all grades in the course will be averaged into the student's cumulative grade point average.
6. Students who earn an Academic Integrity violation as part of a course grade may not use forgiveness on the course.
7. Under unusual circumstances, a different but similar course may be used if the department offering the course and the Office of the Associate Provost approve the substitution. Therefore, with prior approval of the department offering the course and the Office of the Associate Provost, a course different from the original course may be substituted in the following cases:
  - a. The substitute course differs in prefix, number, hours or title but does not differ substantially in content from the original course.
  - b. The substitute course replaces a course no longer offered by the institution.

## Grading

Grades have the following honor-point values:

A	Outstanding	4.0
AB	Excellent	3.5
B	Very good	3.0
BC	Good	2.5
C	Average	2.0
CD	Below average (unsatisfactory)	1.5
D	Passing (unsatisfactory)	1.0
F	Failure	0.0

NF	No-show, failure	0.0
NR	Not recorded by professor	Not included in GPA
NG	Not graded	Not included in GPA
I	Incomplete	Not included in GPA
S	Satisfactory	Not included in GPA
U	Unsatisfactory	Not included in GPA
W	Withdrawal	Not included in GPA
WF	Withdrawal, failure	0.0

Faculty will award the grade of "NF" to any student who has not officially withdrawn yet has stopped participating by the 60 percent point in the semester. The "NF" grade is equivalent to an "F." A grade of "W" is automatically assigned for withdrawal within the first 10 weeks of a 14-week class or the first five weeks of a 7-week class. A grade of "WF" is given for withdrawal after the official deadline to withdraw has passed, as noted in the academic calendar, and it is documented that the student has ceased to attend the class. A "WF" is factored into the GPA as zero points.

Grades of "NG," "I," "S," "U," and "W" do not affect grade point averages. Only grades equivalent to or above "C" will be graded as "satisfactory." An "NR" grade on the grade report indicates that the grade has not been reported by the faculty member. An "IP" grade indicates a course in progress.

Undergraduate-level courses do not affect the grade point average calculated for the graduate degree program and graduate-level courses do not affect the grade point average for the bachelor's degree.

To graduate with a bachelor's degree, the number of honor points must be at least twice the number of credit hours for all college-level courses attempted at the University, including courses that are repeated. (See rule concerning repeated courses.)

This means that, for graduation, the undergraduate student must have an average of "C" or higher on all work attempted at the University. An average of "C" or higher is also required in all coursework applied toward the major. The GPA requirement may vary depending upon the major. Some majors have special GPA requirements. Always refer to the specific department for details.

Prior to graduation, the student must complete any course with an incomplete ("I") grade and retake for a passing grade any required courses in which the student earned a failing grade ("F" or "NF"). (See the section on Incomplete Work in this chapter.) A degree will not be conferred for any student with an outstanding "I" grade.

## Graduation Honors

The names of students receiving bachelor's degrees who are candidates to receive graduation honors are annotated in the commencement program if they have completed all degree requirements by that day and if, at the conclusion of the prior semester, they have achieved minimum GPAs as described below. Upon completion, the honors are inscribed on their diplomas. Candidates pursuing a second bachelor's degree will be held to the same standards for achieving graduation honors as candidates pursuing their first bachelor's degree. August degree candidates participating in the May commencement will not be recognized for graduation honors. They will, however, have appropriate honors recorded on their official transcript and diploma.

The three levels of honors are as follows:

*Cum Laude* for those with grade point averages of at least 3.5 earned on all undergraduate work attempted at the University and grade point averages of at least 3.5 when combined with all previously attempted college work. At least 31 credit hours must have been earned at The University of Tampa.

*Magna Cum Laude* for those with grade point averages of at least 3.75 earned on all undergraduate work attempted at the University and grade point averages of at least 3.75 when combined with all previously attempted college work. At least 31 credit hours must have been earned at the University.

*Summa Cum Laude* for those with grade point averages of 4.0 earned on all undergraduate work attempted at the University and grade point averages of 4.0 when combined with all previously attempted college work. At least 31 credit hours must have been earned at the University.

## Graduation Requirements

### *90 Hour Review*

It is the responsibility of each student anticipating graduation to ensure that all graduation requirements have been met and to apply for graduation candidacy through the Registrar's Office.

Students will be notified when they have completed 90 Credits, and should meet with their assigned Faculty Advisor to review their academic progress and identify missing requirements. The specific requirements of the student's declared major(s), concentrations, and minors as applicable should be reviewed.

Students should primarily consult with their assigned faculty advisor concerning any issues or problems involved in registration or fulfillment of catalog requirements for their degrees. If there are additional questions or clarification is needed, students may also email [advising@ut.edu](mailto:advising@ut.edu) or consult with academic

advisors in the Academic Success Center, North Walker Hall, during walk-in hours.

### *Application for Graduation*

Graduating students will need to complete the online application to graduate via Workday. The application should be filled out during the semester in which they intend to complete degree requirements and have a degree conferred.

If a student does not complete the Apply to Graduate form by the priority deadline indicated, her or his name may not appear in the commencement program and/or the student's degree conferral may be delayed.

### *General Degree Requirements*

A student must earn a minimum of 124 credit hours to qualify for the Bachelor of Arts, the Bachelor of Science, the Bachelor of Liberal Studies or the Bachelor of Fine Arts degree, and some majors may require more than 124 credit hours. Refer to individual department sections.

The student also must have met the general and specific course requirements. Further, the student must have earned at least an average of "C" (a minimum 2.0 GPA) on all work attempted at UT, including authorized repeated courses.

The student also must have earned a minimum 2.0 GPA in the courses attempted at the University that are specifically required and those applying toward the major or minor. The GPA requirement may vary depending upon the major. Some majors have special GPA requirements. Always refer to specific departments for details.

Students must take at least 9 credit hours of writing-intensive coursework (indicated by a "W" in the course schedule) at UT before they graduate. Students are strongly encouraged to take these courses after their First-Year Writing sequence is completed. Students entering as juniors (transferring 60 or more credit hours) must take 6 credit hours of writing-intensive coursework at UT before graduation. Those entering as seniors (transferring 90 or more credit hours) must complete 3 credit hours of writing-intensive coursework at UT. Students returning to UT who left prior to 1995 will be held to the same writing-intensive requirement as a transfer student.

Students interested in pursuing a second bachelor's degree should refer to Requirements for a Second Bachelor's Degree in The UT Academic Experience chapter of this catalog.

It is the responsibility of the student to be certain to enroll in all courses required for completion of a degree. Help in planning a course of study may be obtained from faculty advisors and advisors in the Academic Advising Office. This catalog and the student's online degree guide should be used as references.

### *Academic Residence Requirements*

#### Semester Residence

No more than 4 credit hours from another institution may be applied toward a student's University of Tampa degree requirements in any spring or fall semester in which the student is enrolled and taking a full course load (12 credit hours or more) at the University.

#### Graduation Residence

Candidates for graduation at The University of Tampa must have successfully completed at least 25 percent of the total credit hours for their degree in residence at UT, and have completed at least 31 of their last 35 credit hours in residence. Nonresidence credit (including, but not limited to, credit taken at another institution or earned through CLEP examination) may not be granted to fulfill the last 31 credit hours earned toward a University of Tampa undergraduate degree, with the exception of **up to** 12 credits of study abroad courses taken through a University of Tampa sponsored study abroad program.

Under special circumstances, a student may request permission through the academic appeals process to take coursework at another university that requires a waiver of the 31 of 35 hour requirement. Information regarding the process may be obtained in the Academic Success Center.

### *Commencement*

Degrees are granted in December, May and August of each academic year. The commencement dates are indicated on the Academic Calendar. All academic requirements must be satisfied and all debts to the University must be cleared before the degree can be granted. No degree is awarded if "I"s remain on the transcript. Once a degree is conferred, no further work toward the degree can be submitted, either to change a grade or to add majors, minors, concentrations or certificates.

Degrees are not awarded retroactively but rather on the next degree-conferring date following satisfaction of all academic and financial requirements.

The University's commencement ceremonies are held in December and May. Students earning bachelor's or master's degrees any time since the previous commencement may participate.

It is the policy of the University to allow students who are expected to graduate the following August to take part in the May commencement ceremony immediately preceding. No degree is awarded, nor does participation in the ceremony imply the student has completed a course of study. Graduation honors will not be announced for these candidates, as they will not have completed their requirements by the date of the ceremony. Students who are expected to graduate in December are invited to take part in the December commencement ceremony.

Questions on these policies should be directed to the University Registrar at [registrar@ut.edu](mailto:registrar@ut.edu).

## Incomplete Work

A grade of Incomplete ("I") may be awarded at the discretion of the instructor only when the student has been doing satisfactory work in a course and is earning a passing grade and only when a small portion of the student's work in the course is not completed. When a student's situation warrants that an "I" grade be given, the instructor must document details surrounding the extension when entering the "I" grade on the Grade Roster in Workday.

Incompletes must be finished by the first day of the eighth week in fall for preceding summer terms and spring, or by the first day of the eighth week in spring for the previous fall semester or winter intersession.

Failure of the student to complete work within the time limit results in an "F" being recorded as the final grade. For justifiable reasons, the student may petition to extend the "I" grade beyond the published deadline. If a student would like to request an extension, the student should fill out an Academic Petition and include supporting documentation and confirmation of instructor support for consideration.

## Independent Study Courses

Students in good standing who are unable to take a course specifically required for their major or who are interested in supplementing the general curriculum with independent work in their major may, under the circumstances outlined below, earn academic credit by taking an independent study course under the supervision of a University faculty member. Independent study courses are available only to juniors and seniors except by special permission.

Registration for independent study courses may be authorized only with the written approval of the instructor and the chairperson of the department in which credit is to be earned (and the associate dean of the Sykes College of Business if the course is taken in that college) by the third week of the semester; after that date, Associate Dean's Office (COB) or Dean's Office approval is needed as well as an Academic Petition for late registration. The Independent Study contract is available in SpartanNet under the Academics/Forms and Information tab.

Students should take a course required for their major as an independent study course only when it is clearly a necessity, or when the experience gained will be extremely valuable to their career path.

Before a student may register for an independent study course, a completed "Independent Study Contract" needs to be submitted to the Registrar's Office; if it is after the drop/add period, an Academic Petition is also required for late registration. The student is responsible for making sure that the contract is submitted to the Registrar's Office and verifying on Workday that registration in the course has been completed.

In addition, the college or department in which the course is offered maintains a record of the contract.

## Regulations on Academic Probation and Dismissal

### *Academic Standing*

Retention standards for undergraduates are shown below and are printed on the student's grade reports. Academic Standings may not be appealed.

### Academic Good Standing

Academic good standing is defined as a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year. A student who does not maintain the minimum cumulative GPA standard of a 2.0 is placed on academic probation. Students placed on academic probation retain the rights and privileges of any currently enrolled student to participate in university co-curricular activities as long as the student meets all academic requirements of the activity or program.

Note: Students also must maintain a minimum 2.0 GPA in the courses attempted at the University that are specifically required or to be applied toward their major. The GPA requirements may vary depending upon the major. Always refer to the specific department for details.

### Academic Probation

A student whose cumulative UT grade point average falls below 2.0 is no longer in academic good standing and will be placed on academic probation. From the beginning of academic probation, the student must maintain a UT GPA of 2.0 or higher each semester. While on academic probation, the student must complete requirements established by Academic Excellence Programs until the student is in good standing. The student will remain on academic probation as long as their overall UT GPA is below 2.0 and they obtain a UT GPA of 2.0 or greater each semester. Notification of academic probation will be sent from Academic Excellence Programs, in the form of an official email to the student's Spartans Email account.

The University reserves the right to require action on behalf of any student who is placed on academic probation. Such action may include, but is not limited to, repeating failed courses, taking a reduced course load, participating in the SOAR program, or enrolling in courses designed to assist the student. Grades earned at

other institutions are not included in the computation of cumulative grade point averages.

## Academic Dismissal

If, at any time while on probation, the student's semester GPA falls below 2.0, the student will be academically dismissed from the University.

Notification of academic dismissal will be sent to students from the Academic Appeals Committee, in the form of an official email to the student's Spartans Email account and noted by the Registrar on the student's permanent academic record. Students dismissed by the University for Academic Reasons may apply for readmission after one academic year [two regular (fall and spring) semesters] has elapsed or may appeal the one academic year wait.

The deadlines for appealing the one academic year wait or readmission after the one-year dismissal is June 1 for the fall term, January 2 for the spring term and April 1 for the summer terms. All appeals and applications for readmission must include a letter to the Academic Appeals Committee written by the student along with supporting documentation, and any information describing activities since dismissal if appropriate which should include transcripts from any other institution since dismissal.

Students seeking readmission, after the one academic year wait, will also need to submit an application through the Office of Admissions. Transcripts of any coursework completed at another institution since dismissal also should be sent to the Office of Admissions

The University reserves the right to require action on behalf of any student who is readmitted from Academic Dismissal. Such action may include, but is not limited to, repeating failed courses, taking a reduced course load, changing majors, participating in the SOAR program, or enrolling in courses designed to assist the student.

## Repeating Courses

Students may repeat courses taken at UT. Students may not receive credit more than once for a course, unless the course is listed in the catalog as approved for multiple credits.

All grades remain on the student's transcript and will be averaged into the student's cumulative grade point average. The original course attempt will have an annotation indicating that the course has been repeated. If repeating courses for grade forgiveness,

please refer to the Grade Forgiveness Policy.

## Student Classification

A student's classification as a freshman, sophomore, junior or senior is based on his or her standing in terms of credit hours earned.

The minimum qualifications for each classification are as follows:

Freshman	fewer than 28 credit hours
Sophomore	28–59 credit hours
Junior	60–89 credit hours
Senior	90+ semester credit hours

Students with fewer than 60 credit hours may not take advanced courses — those with numbers of 300 or higher — without special permission from their faculty advisors. Courses at the 600 level are intended primarily for students admitted to a graduate program. They may only be taken by undergraduate students with special approval.

## Transfer Credit Evaluation

### *Resident Transfer Credit*

Students transferring from a Florida college system institution with an Associate of Arts degree will enter The University of Tampa with junior standing (minimum 60 credit hours) and all general education requirements will be satisfied. The general education requirement is defined as all Baccalaureate Experience requirements with the exception of the Writing Intensive Component. Students may only transfer a total of 64 credit hours from a two-year institution.

Credit is transferred for only those courses completed with a grade equivalent to a "C" or higher. Students who earn credit on a satisfactory/unsatisfactory basis may not transfer those credits unless documentation is received stating that the grade is equivalent to a "C" or higher.

Credit earned at a two-year institution is limited to 64 credit hours. Credit at the 300/400-level from a two-year institution will not be deemed equivalent without department approval at The University of Tampa.

Credit is not granted for coursework taken at institutions in the United States that are not fully accredited by a regional accrediting association. While the UT GPA reflects grades earned only at The University of Tampa, transfer grades will be used in the calculation of graduation honors (refer to the Graduation Honors section of this chapter for full details).

The acceptance of credit is limited to that of a liberal arts nature. Credit earned in vocational, technical or terminal-type courses is not acceptable, unless the equivalents of such courses are offered at UT.

Supporting documentation may be required by the registrar to facilitate the transfer of credits.

Transfer students may waive the 11-hour minimum credit requirement for either the social sciences or humanities component of the UT Academic Experience by applying credit earned at another institution(s), provided they have earned a minimum of 17 transferred credit hours prior to matriculation at The University of Tampa.

A transfer student may satisfy the social science or the humanities component of the General Curriculum requirements by (respective to each component) (1) transferring three separate courses totaling a minimum of 9 credit hours, or (2) transferring at least two separate courses, totaling a minimum of 6 credit hours and successfully completing at least 3 additional credit hours of coursework at UT. At the time of admission, credits earned more than six years previous, at UT or at other institutions, will be evaluated on an individual basis by the appropriate department head to determine if the credit is valid toward the current major.

All courses must satisfy the requirements of the UT Academic Experience set forth in the UT catalog. The decisions for transferring courses and credit hours to the University are made by the transfer coordinator in consultation with the Associate Dean of the Baccalaureate Experience and the appropriate academic department chair(s).

### *International Student Transfer Credit Evaluation*

International students may be asked to submit transcripts and documents from foreign institutions to Joseph Silny & Associates, 7101 SW 102 Avenue, Miami, FL 33173, or other similar international credential evaluation organizations, for evaluation of the credit earned and the institution that granted it. Application forms for evaluation by this service are available online at [www.jsilny.com](http://www.jsilny.com).

Transfer credit equivalencies are listed online for Advanced Level and Caribbean Advanced Proficiency Examination.

See the Office of Graduate and Continuing Studies chapter for a description of the transfer credit policy for graduate students.

### *Transient Credit from Other Institutions*

A continuing undergraduate student at the University must apply for permission to take courses at another regionally accredited institution. Forms for this purpose can be obtained from the Registrar's Office. Students are strongly encouraged to review the course equivalency table regarding course transfer credit found <http://www.ut.edu/transfer/credits/> AND consult their academic advisor regarding transient course work PRIOR to enrolling in courses at other institutions.

To be granted credit taken on a transient basis at another institution, the following provisions must be satisfied:

1. This form must receive a final review signature from the Registrar's Office. Once the official transcript is received from the transient institution, transfer credit will be evaluated if the transient form has received final approval signatures. It is strongly recommended that the student complete the process before enrolling in a course elsewhere.
2. The student must be eligible to return to the University.
3. The student must meet the university residency requirement by earning 31 of the last 35 credit hours of study toward a bachelor's at UT, unless permission is granted via the academic petition process.
4. The student may only transfer a total of 64 credit hours from a community or junior college.
5. The student must earn a grade of "C" or better in any undergraduate course. Pass/Fail or S/U grades will not be accepted.
6. Non-repeatable courses with an earned grade of 'CD' or lower may be re-taken at another institution to satisfy a UT prerequisite requirement. The associated credit hours will be "waived", not earned.
7. The credit hours awarded by the transfer institution is the number of credits that will transfer, regardless of UT's course equivalent. All credit will be converted to U.S. semester hours.
8. The grade point average at the University is not affected by grades earned at other institutions. Please note that students may not take courses outside the University for writing-intensive credit. Only those courses designated as writing intensive at UT count in this program. Approved transient credit may be earned concurrently with UT credit. No more than 4 credit hours from credit earned at another institution (non-resident credit) may be applied toward a student's University of Tampa degree requirements in any spring or fall semester in which the student is enrolled and taking a full course load (12 credit hours or more) at the University.

### *Education Abroad Transfer Credit Policy*

Prior to studying abroad, students must obtain approval for their selected program from the Office of International Programs. An education abroad advisor will verify that the student's university of choice has the appropriate accreditation standard so that the University can transfer academic work to UT. An education abroad advisor will facilitate a "Transient Credit Request" form with the necessary signatures to ensure the transferability of coursework. In addition, the following provisions must be satisfied:

1. The student must be eligible to return to the University.
2. The student must earn an equivalent grade of "C" or better in any undergraduate course.

3. Satisfactory/unsatisfactory credits shall not be acceptable, except in the event of a course equivalent to a UT course in which satisfactory/unsatisfactory is the only grade option, such as an internship
4. With the exception of the Honors Program Oxford Semester, UT may not post grades for foreign coursework on the UT transcript.
5. The student may not take courses outside the University for writing-intensive credit.
6. Students on all education abroad programs must register in IST 000 for any term abroad. Upon receipt of an official transcript, UT will post any earned coursework in place of the IST designation.

### *Nonresident Transfer Credit*

A maximum of 60 credit hours of nonresident credit may be granted to undergraduate students. Nonresident credit is defined as academic credit earned through means other than regular classroom courses conducted on the main campus of an accredited institution.

Documentation of satisfactory completion of this credit is required prior to the granting of credit. In addition, supporting documentation may be required by the Registrar prior to evaluation of this credit.

No credit is granted for Extension Course Institute (ECI) courses or other military educational sources not listed in the current edition of the *Guide to the Evaluation of Educational Experience* published by the American Council on Education.

### **Advanced Placement**

Students may receive academic credit, up to a total of 30 credit hours, for successful completion of Advanced Placement (AP) courses taken in high school. Transfer credit equivalencies are listed on [www.ut.edu/admissions/advancedplacementcredit/](http://www.ut.edu/admissions/advancedplacementcredit/).

Students who are native speakers of a language other than English, as indicated on the admissions application, or whose secondary education was conducted in a language other than English may receive credit for AP literature courses, but cannot receive AP credit for any language course at a level they would not be eligible to take at UT according to departmental prerequisites. Final assessment of foreign-language credit will be determined by the Department of Languages and Linguistics after the student's arrival on campus.

### **International Baccalaureate**

Students may receive academic credit (up to 30 credit hours) for successful completion of International Baccalaureate (IB) higher level examinations taken in high school. The official IB certificate is required in order to award credit. Click here to review which courses transfer in with scores of 4 or higher.

### **CLEP Examinations**

Students may receive academic credit, up to a total of 30 credit hours, for satisfactory results on any of the

College Level Examination Program (CLEP) general and subject examinations administered through the College Entrance Examination Board.

Students who are native speakers of a language other than English as indicated on the enrollment application, or whose secondary education was conducted in a language other than English, cannot receive CLEP credit for any language course at a level they would not be eligible to take at UT according to departmental prerequisites. Final assessment of foreign-language credit will be determined by the Department of Languages and Linguistics after the student's arrival on campus.

Additional CLEP information and the minimum score requirements may be viewed at [www.ut.edu/freshman](http://www.ut.edu/freshman).

### **Correspondence Courses**

Academic credit up to a total of 30 credit hours may be granted for the completion of correspondence courses taken through the correspondence divisions of regionally accredited colleges or universities. The number of credits allowed for each course will be the number granted by the correspondence institution.

### **Extension Courses**

Extension credit may be earned in locations designated as extension centers or in any other off-campus location where courses not carrying "residence credit" are conducted by an institution. Total extension course credit is limited to 30 credit hours.

### **Credit Earned through USAFI and DANTES**

Students may receive academic credit, up to a total of 30 credit hours, for the successful completion of USAFI Subject Standardized Tests and the Defense Activity for Non-Traditional Education Support Program (DANTES).

### **Military Service Credit**

Any student who has completed Army basic training or other military services' equivalent may receive 12 general elective credit hours in military science upon submission of the DD 214 to the Registrar's Office. The University is a member of the Servicemembers Opportunity College Consortium.

### **Service School Credit**

Students may receive academic credit, up to a total of 30 credit hours, for the successful completion of courses taken at military service schools. This includes 12 general elective credit hours for basic training. The amount of credit granted will be that recommended by the American Council on Education in its *Guide to the Evaluation of Educational Experiences in the Armed Forces*.

No credit is granted for training programs designated as "technical and vocational in nature."

### **Veterans**

Students who are separated or discharged from the armed forces must submit an "Armed Forces of the United States Report of Discharge" (DD Form 214) as documentation of credit for health education and credit for service school training.



### **Military Personnel on Active Duty/Veterans**

Military personnel are requested to document their service-related education.

Instructions for obtaining transcript can be found at the following websites:

Air Force  
Army  
Coast Guard  
Marines/Navy

### **Withdrawal from the University**

Any student who desires to leave the University prior to the end of a current semester or session must follow prescribed withdrawal procedures. Failure to withdraw officially or withdrawing after published withdrawal deadlines will result in a failing grade in each course in which the student is registered, jeopardizing his or her chances of returning to the University or transferring to another institution.

Before the published withdrawal deadline for a given semester, students may withdraw from the University for any reason. To initiate withdrawal, students should fill out the University of Tampa Withdrawal Form (available in SpartanNet under the Academics/Forms and Information tab). International students must submit the SEVIS Leave of Absence/Withdrawal request to the International Programs Office before they withdraw from classes to ensure immigration compliance. Completed forms should be forwarded to the Registrar's Office or email [registrar@ut.edu](mailto:registrar@ut.edu). For questions about the withdrawal process, undergraduate students may contact the Academic Success Center or email [advising@ut.edu](mailto:advising@ut.edu).

A petition for a late withdrawal, ("W" with no academic penalty) from a single class or an entire course schedule must be initiated by the 7<sup>th</sup> week of classes of the subsequent fall or spring semester. Students must utilize the Academic Petition and supporting documentation must be included.

Any undergraduate request for late withdrawal with medical justification from a concluded semester or session must be made through the Academic Petition process and will result in a Dean of Students hold controlling subsequent registration.

Students who are not enrolled at UT for longer than two continuous semesters must follow procedures for re-admittance to the University.

#### *Late Medical Withdrawal*

Students may experience medical and/or psychological conditions as well as problems around substance misuse that significantly impact their ability to complete their academic pursuits. If such circumstances occur after the withdrawal deadline has passed, a late medical withdrawal from the University provides the student an opportunity to remain a matriculated student while also allowing time away for appropriate treatment and recovery.

A late medical withdrawal from the University requires approval through the Academic Petition Process. Grades of W are assigned when a student is approved for a late medical withdrawal.

Requesting a Late Medical Withdrawal

1. Any student who wishes to request a complete late medical withdrawal from classes should begin by scheduling an appointment with the Academic Advising Office\*. You may schedule an appointment with Academic Advising by calling (813) 257-5757. Please specify it is to discuss a late medical withdrawal.

\*In cases of emergency, serious illness, or incapacitation, the Wellness Center staff, (813) 253-6250, may coordinate with the Academic Advising Office to facilitate the late medical withdrawal process as needed.

2. At this meeting, the University official will discuss the late medical withdrawal process with the student.
3. Student should then submit the Academic Petition to the Academic Advising Office. This must include the Academic Petition Form, a personal statement, and all available documents supporting the medical necessity of a withdrawal or the Medical Documentation Form. All forms can be found on SpartanNet. Students filing for a late medical withdrawal after the semester has ended must do so by the end of the 7<sup>th</sup> week of classes in the subsequent spring or fall semester. Students who petition for a late medical withdraw and who plan to reenroll in the next term must submit the Medical Clearance documents as part of the Academic Petition.
4. If the evaluation or other submitted documents from a licensed health care provider supports a medical withdrawal, the Dean of Students office will place a hold on the student's account that will prevent the student from being re-admitted or re-enrolled without properly petitioning to return as outlined in the Medical Clearance Process <http://www.ut.edu/deanofstudents/policies/>. If the student is already registered for the upcoming semester, the student's courses may be administratively dropped.

#### Medical Clearance Process to Return to UT

Contact the chair of Medical Clearance Committee at [medclearance@ut.edu](mailto:medclearance@ut.edu) or (813) 257-3757 for the term in which the student would like to return.

1. Submit the Medical Clearance Form within two weeks of contacting the chair with the intention to return. The deadlines for submitting the Medical Clearance Form are August 1 for the fall term, January 2 for the spring term and May 1 for the

summer terms. The form should be completed by a licensed professional appropriate for the medical issue(s) which necessitated the withdrawal. The University will return insufficient documentation for additional information/clarification, if needed.

2. Submit a release of information in order to share pertinent medical information relevant to the desired clearance form from your doctor or medical professional and the Dickey Wellness Center staff. This release of information may be obtained from the treating professional or from the Dickey Wellness Center by calling (813) 253-6250.
3. Confirm with the chair of the Medical Clearance Committee that both the Medical Clearance Form and the release of information have been received. You may also ask any additional questions at this time. The University retains the right to grant final clearance.

#### Documents to Submit:

- Release of Information: Please complete a Consent to Release Information form, provided by your clinician(s), for each treatment provider you saw during your leave.
- Clinical Documentation: Please have each treatment provider complete, sign and submit a Medical Clearance Form. This form can be provided to you by emailing a request to [medclearance@ut.edu](mailto:medclearance@ut.edu) or by downloading the form at [http://www.ut.edu/uploadedFiles/Student\\_Services/Health\\_and\\_Wellness\\_Center/Medical-Clearance-Form.pdf](http://www.ut.edu/uploadedFiles/Student_Services/Health_and_Wellness_Center/Medical-Clearance-Form.pdf).
- All documents should be submitted to: [medclearance@ut.edu](mailto:medclearance@ut.edu) and include,
  - Student Name
  - Student Signature
  - Student ID
  - Date

# Undergraduate Admission

## Admission Policy

Admission to the University does not guarantee admission to a particular major or academic department. Some departments, such as art, athletic training, nursing, music, performing arts, theatre and education, have additional admission requirements. Please consult the academic department information in this catalog for these additional requirements. If you have questions about admissions policies, contact the Office of Admissions, The University of Tampa, 401 W. Kennedy Blvd., Tampa, FL 33606-1490. Telephone: (813) 253-6211 or (888) MINARET (646-2738). Fax: (813) 258-7398. Email: [admissions@ut.edu](mailto:admissions@ut.edu). Apply online at [www.ut.edu/apply](http://www.ut.edu/apply). UT also accepts the Common Application and the Universal College Application.

### *New Freshmen and First-Year Students*

#### Requirements for Admission to the University

Admission to the freshman class is based on (1) academic performance in at least 18 college preparatory high school courses: four in English, three in science (two with laboratory components), three in mathematics, three in social studies, two of a foreign language and three in academic electives; or high school equivalency earned through the General Educational Development tests, with a score that is acceptable to the University; (2) results of the Scholastic Aptitude Test (SAT) administered by the College Entrance Examination Board, or the American College Test (ACT); (3) one recommendation from a high school counselor or teacher; and (4) a personal statement or essay.

#### How to Apply as a New Freshman or First-Year Student

Qualified high school students may be accepted on a three-year transcript, pending high school graduation. They should submit the following:

1. Completed application form.
2. Nonrefundable application fee.
3. Official high school transcripts showing academic program completed, scholastic average and date of graduation. GED results and a high school transcript up to the date of withdrawal may be submitted in lieu of a complete high school transcript.
4. One recommendation from a counselor or teacher.
5. The University is test optional and ACT or SAT scores are not required when applying.
6. Scores on advanced placement tests, CLEP tests or the International Baccalaureate for those applicants desiring advanced standing credit.

#### 7. Personal statement or essay.

Applications are evaluated as follows for first-year students: Applications submitted by Nov. 15 have notification of admission status mailed by Dec. 15. Applications submitted by Jan. 15 have notification of admission status mailed by Feb. 15. Applications submitted after Jan. 15 have regular decision notification mailed by April 1.

Students may earn advanced placement credits by taking advanced placement tests and CLEP exams administered by the College Board, and by earning an International Baccalaureate diploma or certificate. More information about scores required to earn college credits at UT is posted at [www.ut.edu/admissions](http://www.ut.edu/admissions).

\* The University of Tampa will provide test optional undergraduate admission for the summer 2021 terms I & II, fall 2021 and spring 2022 entry terms. Given that students have not been able to take the ACT or SAT since February 2020 because of the pandemic, as well as the likelihood that students will not be able to safely take these tests in fall 2020, UT will not require submission of either the ACT or SAT for admission decisions.

### *Transfer Students*

Students may apply as transfers only if they have graduated from high school and have completed 17 or more college credit hours at the time of application. Applicants who are enrolled in college but have completed fewer than 17 college credit hours apply as freshmen. College credits completed will be evaluated for transfer credit after admission.

#### Requirements for Admission

Students should be eligible to re-enter the institution they last attended. UT averages all grades for all courses attempted, regardless of the policies of the previous institutions.

#### How to Apply as a Transfer Student

Submit the following:

1. Completed application form.
2. Nonrefundable application fee.
3. Official transcript of credits from each institution previously attended (even if courses were not completed).
4. A final high school transcript showing date of graduation, or GED results and an official high school transcript up to the date of withdrawal (if you have not earned an associate degree).

Applications are processed as quickly as possible on a rolling basis until the class is full.

#### Transfer Credit Acceptance Policy

Credit is transferred for only those courses completed with grades of “C” or better at regionally accredited colleges or universities. Complete details are outlined in the Academic Policies and Procedures section of this catalog.

Students accepted for admission to the University whose transcripts, score reports and other necessary documents have been received will be sent evaluation sheets listing all credits granted in the transfer.

The University of Tampa has articulation agreements with all community colleges in Florida, as well as community colleges in other states. For a complete list, visit the Transfer Admissions page at [www.ut.edu/admissions](http://www.ut.edu/admissions).

Transfer credit equivalencies are listed online for Advanced Level and Caribbean Advanced Proficiency Examination.

### **How to Apply as an International Student**

International students are encouraged to apply for admission. The requirements are the same as for American high school or transfer students, except that results of the Test of English as a Foreign Language (TOEFL) examination are used in place of the SAT or ACT for non-English speakers. The University of Tampa accepts the paper-based TOEFL exam with a minimum score of 550, the computer-based TOEFL with a minimum score of 213 and the Internet-based TOEFL with a minimum score of 79-80. UT also accepts the Duolingo English Test with a score of 51 or higher. UT also accepts Cambridge examinations, such as the IELTS exam, with a grade of 6.5; or ELS Language Center completion of the English 112 Certificate with a minimum score of 79 on the Michigan Test of English (MELAB).

Applications are evaluated on a rolling basis until the class is full. Items must be received and admission formally granted before an I-20 will be issued. Submit the following:

1. Completed application form.
2. Nonrefundable application fee.
3. Official high school (secondary school) transcript (in English).
4. Standardized English as a Second Language exam.
5. SAT or ACT score (if English is your native language).
6. Evidence of appropriate financial support.
7. Complete official transcripts from all colleges and universities attended (transfer students and postbaccalaureate students).
8. One letter of recommendation.
9. A copy of the biographical page of passport (if available).
10. Transfer Student Clearance Form if transferring from a U.S. school.
11. A personal statement or essay (freshmen only).

### *Nursing Students*

The University has several undergraduate nursing degree options. Students who would like to pursue the four-year baccalaureate degree follow the regular undergraduate admissions requirements and application procedures. An additional application for admission to the Nursing Department is required once all prerequisite college-level courses have been completed or nearly completed. (See the Department of Nursing section in the College of Natural and Health Sciences section of this catalog).

Registered nurses who want to pursue the Bachelor of Science in Nursing will find admission requirements and procedures under the Department of Nursing section. Students must complete the regular undergraduate application for admission to the University.

### *Transient (Visiting) Students*

Students who regularly attend another institution and have never been denied admission to UT may register as visiting students for up to two consecutive semesters. Please refer to the Office of Graduate and Continuing Studies section of this catalog for more information.

### *Continuing Studies Students*

UT's Continuing Studies program provides educational opportunities to students desiring to pursue undergraduate degrees by attending classes part time. Please refer to the Office of Graduate and Continuing Studies section of this catalog for more information.

### *Non Degree-Seeking Students*

Undergraduates may enroll as non degree-seeking students on a space-available basis for up to three terms by filing an application with a nonrefundable application fee. Please refer to the Office of Graduate and Continuing Studies section of this catalog for more information.

### *Auditing Classes*

A student may register as an auditing student by submitting an application form and a nonrefundable application fee. Please refer to the Office of Graduate and Continuing Studies section of this catalog for more information.

### *Elementary and Secondary School Teachers*

Elementary and secondary school teachers wishing to take undergraduate courses for certification should submit an application, a nonrefundable application fee and a copy of state certification. No other documents or records of previous academic work are necessary, except for students who are seeking a second degree.

### *Postbaccalaureate Degree Students*

In addition to the application form and a nonrefundable application fee, students must submit

transcripts from regionally accredited colleges or universities showing all baccalaureate degrees earned and the dates granted. Those seeking second baccalaureate degrees should refer to the Second Bachelor's Degree Requirement section in the UT Academic Experience section of this catalog.

### *Veterans*

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33), Vocational Rehabilitation & Employment (Ch. 31) or Dependents' Educational Assistance (Ch. 35) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Produce the VA Certificate of Eligibility (COE) by the first day of class;
- Provide a written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies

In accordance with the Department of Defense Memorandum of Understanding (MOU), the University of Tampa will "Refrain from high-pressure recruitment tactics such as making multiple unsolicited contacts (3 or more), including contacts by phone, email, or in-person, and engaging in same-day recruitment and registration for the purpose of securing Service member enrollments."

Veterans' enrollments are certified by the Registrar's Office to the Veterans Administration. Questions concerning veterans educational benefits should be directed to that office.

### *Former Student Returning (Readmit)*

Any person who has previously attended UT but has not been enrolled for at least one academic year (two regular semesters) may apply for admission as a readmit student through the Office of Admissions. All students returning to UT must be approved by the dean of students for readmission. If the applicant left the University in good academic standing as a degree-seeking student, is eligible to return with no judicial sanctions and did not subsequently attempt additional college-level courses elsewhere, he or she will be

considered for admission as a readmit student on a space-available basis.

If any additional college courses were completed after leaving UT, official transcripts from the institution attended must be submitted as part of the application for admission. The applicant will be subject to the current admissions policy guidelines for transfer applicants.

A student who is not currently attending UT but who has been enrolled in good academic standing within the past academic year (two regular semesters) does not need to reapply for admission. After consultation with his or her previous advisor or assignment to a new advisor through the Academic Success Center, the student may register for classes. If any additional college courses were completed after leaving UT, official transcripts from the institution attended must be submitted for transfer credit evaluation.

Veteran students who are deployed while attending the University do not need to reapply for admission following their return from deployment if the enrollment falls within the next academic year. Veterans returning to UT should consult with their previous academic advisor or contact the Academic Success Center for assignment of a new academic advisor, whereupon they can then register for classes. If any additional college courses were completed during deployment, official transcripts from the institution attended must be submitted prior to registration.

Students who were dismissed by the Academic Appeals Committee for academic reasons may apply for readmission only after one academic year (two regular semesters) or more time has elapsed. The application should include a personal statement discussing the student's activities since dismissal and why the student believes he or she will be more successful if readmitted. Those applications will be referred to the Academic Appeals Committee for a decision. The student also must provide evidence of scholarship after dismissal. Courses taken at another university would be considered as evidence of scholarship and would be weighed, according to their rigor and final grading, in the committee's decision. The deadline for petitioning for readmission is April 1 for the fall term, Oct. 1 for the spring term and March 1 for summer terms.

## **General Information About Admission**

The Admissions Committee of the University may, upon request, review the documents of any applicant and, based on individual circumstances, make exceptions to the requirements mentioned in the above sections.

Falsification of information on an application for admission may result in dismissal or nonadmission. The University reserves the right to refuse admission to any applicant or readmission to any student, or to dismiss any student whose conduct is judged detrimental to the University program. Students whose final semester grades (high school or college if a

transfer student) are deemed below average by the admissions committee may have their admission to the university rescinded.

No portion of an applicant's academic record from another institution should be withheld; this may result in a permanent dismissal without credit for work completed at The University of Tampa.

A condition of any admission to the University is that students must certify that he or she will not unlawfully possess, use, sell, purchase, manufacture, deliver or possess with intent to sell, purchase, manufacture or deliver any controlled substance while enrolled at UT.

The University of Tampa takes student postings on social media sites seriously. Students who post illegal behavior or threatening comments on social media sites may have their admission to the University rescinded or may be permanently dismissed from the University.

## Admission Appeals

Any person wishing to appeal an admission decision should submit an appeal in writing to Chair, The Admissions Policies Committee, Box F, The University of Tampa, 401 W. Kennedy Blvd., Tampa, FL 33606-1490. Included with the written appeal should be documentation to support the reasons for the appeal. The decision of the Admissions Policies Committee is considered final.

## Photo Policy

The University of Tampa reserves the right to photograph and/or film students, faculty, staff and guests while on University property, while at University-sponsored events or during activities where they are representing the University. This includes, without limitation, the right to publish such images on the University website, in the alumni magazine and in PR/promotional materials, such as marketing and admissions publications, advertisements, fundraising materials and any other University-related publication. These images may appear in any of the wide variety of formats and media now available to the University and that may be available in the future, including but not limited to print, broadcast, video, CD, DVD and electronic/online media. For more information, contact the Office of Public Information and Publications at [publicinfo@ut.edu](mailto:publicinfo@ut.edu) or (813) 253-6232.

## Costs and Financial Information

The University of Tampa believes that educational costs to students must remain reasonable and consistent with excellence in instruction and support facilities. The University's calendar allows students to take 7- and 14-week courses concurrently during a semester. In reference to the payment of tuition and fees, the University defines the term "semester" as consisting of 14 weeks.

The tuition and fees shown in this section apply to the total number of credit hours taken during the course of a semester, whether the student takes 7-week courses, 14-week courses or both. The tuition also applies to the total number of credit hours taken during any combination of offerings during summer sessions.

### Payment of Accounts

Charges for tuition and fees, residence hall, meal plan and any miscellaneous fees are due on or before the final day of registration. Students receiving outside scholarships, grants or alternative loans must contact their sponsor to ensure that payments are applied to their account by the deadline. Student registrations are considered complete when all charges and fees are fully satisfied through payment or documented financial aid resources. To have the awards applied to a student's actual account balance, all requested financial aid documents and promissory notes must be submitted to and approved by the Financial Aid Office.

The University of Tampa reserves the right to revise a student's financial aid award. Revision may result because of a change in the student's enrollment or housing status, or because of new information, including outside awards. Federal or state awards may change if the expected appropriations are not received. Awards are contingent upon maintenance of satisfactory academic progress. Should a student's award be revised for any reason resulting in a balance owed to the University, the student must settle this financial obligation with the Bursar's Office.

Cancellation of a student's preregistered schedule may occur at the sole discretion of the University if the account is unpaid, if the University's payment plan installments are incomplete or if financial aid resources cannot be confirmed by the final day of registration. Student tuition payments returned to the University for any reason will constitute nonpayment and may result in the cancellation of a student's preregistered schedule. Cancellation of a preregistered schedule will require that the student, no later than the end of the third week of the semester, satisfy financial obligations and officially reinstate their course schedule in accordance with add/drop procedures. A student who fails to satisfy financial obligations and officially enroll will not be recognized as a matriculated student.

The University holds the student responsible for auditing the information recorded on accounts and billing statements. If there are omissions, the student must contact the office responsible for the entry. The University also holds the student responsible for account balances. Likewise, the student is responsible for ensuring that scholarships, grants, loans or payments from parents, guardians, trustees or outside sources are applied to accounts as requested. Should there be any outstanding debts owed to the University, services such as issuance of official transcripts and diploma or participation in preregistration will be withheld.

### Application Fees

Undergraduate application fee	\$40
Postbaccalaureate application fee	\$40
Graduate application fee	\$40

### Undergraduate Tuition and Fees (per semester)

The following tuition and fees, including room and board fees, are applicable to the 2022-23 academic year. The University of Tampa, however, reserves the right to make changes in costs at the beginning of any term as circumstances may require.

Credit Hours Enrolled	Tuition
1	\$640
2	\$1,280
3	\$1,920
4	\$2,560
5	\$3,200
6	\$3,840
7	\$4,480
8	\$5,120
9	\$7,727
10	\$9,815
11	\$11,930
12-18	\$16,109*

\*For full-time students only (12 credit hours or more), the amount shown includes a mandatory student government fee of \$96, a mandatory student service fee of \$525 and a mandatory student health fee of \$470.

Special permission is required to register for more than 18 credit hours per semester. The tuition charge for an overload (more than 18 credit hours) is \$640 per credit hour, plus mandatory fees.

### *Student Government Fee*

The \$96 student government fee is assessed each semester to full-time undergraduate students taking 12 credit hours or more. The fee provides basic support to Student Government, Student Productions, publications and other student-sponsored organizations. This fee also entitles a student to receive the weekly campus newspaper.

### *Student Service Fee (UG Full Time)*

The \$525 student service fee is assessed during the fall and spring semesters to full-time undergraduate students taking 12 or more credit hours. The fee provides support for a number of student services, programs and activities, computing labs, tutoring and other academic career support services, free admission to on-campus athletic events and recreational and intramural use of athletic facilities.

### *Student Service Fee (UG Part Time and Graduate)*

A \$50 student service fee is assessed during the fall and spring semesters to all part-time undergraduate students, graduate students and continuing studies students. During the summer sessions, this fee is assessed to all students from all disciplines. The fee provides support for a number of student and academic support programs, as well as activities and services available to all students.

### *Student Health Fee (UG Full Time)*

A \$470 student health fee is assessed during the fall and spring semesters to full-time undergraduate students taking 12 or more credit hours and International students with F or J visas. This fee provides for the student health insurance plan, administered by United Healthcare.

### *Tuition for Continuing Studies*

Continuing studies tuition is \$476 per credit hour (9 credit hours max per semester). Auditors are charged \$320 per credit hour.

### *Auditor Student Tuition (Undergraduate)*

For 2022–23 auditors are charged \$320.00 of courses for graded credit, and the audited courses do not bring the total credit hours to more than 18, the regular full-time tuition covers the charge for the audited courses. If the audited courses bring the total credit hours to more than 18, the audit rate applies for those credit hours beyond 18. If the undergraduate is taking fewer than 12 credit hours of courses for graded credit and wishes to add an audit course, the audit rate applies to the course.

## **Graduate Tuition**

Graduate tuition is \$683.00 per credit hour. Qualified graduate students may audit courses. Auditors are charged \$341.50 per credit hour.

The two-year total for the Executive MBA cohort beginning fall 2021 is \$52,215 and includes books, meals and a substantial portion of an international study tri Executive MBA program tuition is payable in five equal installments due at the beginning of each academic term.

The two-year total for the Executive MBA cohort beginning fall 2022 is \$53,780 and includes books, meals and a substantial portion of an international study tri Executive MBA program tuition is payable in five equal installments due at the beginning of each academic term.

The Physician Assistant cohort beginning fall 2020 is \$110,880 and includes program fees. Physician Assistant program tuition is payable in seven equal installments due at the beginning of each academic term.

The Physician Assistant cohort beginning fall 2021 is \$112,889 and including program fees. Physician Assistant program tuition is payable in seven equal installments due at the beginning of each academic term.

The Physician Assistant cohort beginning fall 2022 is \$114,933 and including program fees. Physician Assistant program tuition is payable in seven equal installments due at the beginning of each academic term.

The Doctor of Nursing Practice cohort beginning fall 2020 is \$32,502. Doctor of Nursing Practice program tuition is payable in six equal installments due at the beginning of each academic term.

The Doctor of Nursing Practice cohort beginning spring 2022 is \$32,904. Doctor of Nursing Practice program tuition is payable in six equal installments due at the beginning of each academic term.

The Doctor of Nursing Practice cohort beginning fall 2022 is \$33,894. Doctor of Nursing Practice program tuition is payable in six equal installments due at the beginning of each academic period.

## **International Medical Insurance**

International students on F or J visas are required to have primary health insurance coverage in accordance with U.S. immigration regulations. UT has contracted with United Healthcare Student Resources to offer a group health plan. The rate for 2022–23 is \$1050.00 for full-time undergraduate students, graduate students and part-time undergraduate students. Half the annual rate is added to the fall bill for coverage from Aug. 1 to Dec. 31, and half is added to the spring bill for coverage from Jan. 1 to July 31. Students are billed automatically



for this insurance. This is a mandatory fee and cannot be waived.

## Deposits

Students dependent upon aid plans or any other source of funds need to pay deposits by deadline dates specified in this catalog.

### *Housing Deposit*

New students who plan to live in campus housing pay a \$500 admission deposit, which includes a \$200 housing deposit. New student deposits are refundable until May 1. The housing deposit is described below.

### *Housing Deposit*

Each student living in University housing is required to pay a \$200 housing deposit. The deposit is applied to the student's first semester billing statement. If the student does not enroll, the deposit will be forfeited.

## Room and Board Costs

The semester room and board rate schedules are listed below. The prices indicated are for one semester only and include the appropriate sales tax for the meal plans. All students living on campus are required to purchase a meal plan.

### *Rooms*

Single Room in Austin, Brevard, Jenkins, McKay and Smiley Halls (includes 15 meal plan)	\$7,717.00
Double Room in Barrymore Hotel, Austin, Brevard, Jenkins, McKay, Morsani, Vaughn Halls (includes 15-meal plan)	\$6,080.00
Triple Room in Austin, McKay, Morsani, Smiley, Vaughn Halls (includes 15-meal plan)	\$5,742.00
Apartments/Studios (includes 7-meal plan)	\$5,890.00
Straz Hall and Palms Apts.	\$6,677.00
(Double)	\$6,671.00
Straz Hall and Palms Apts.	\$7,089.00
(Single)	
Urso Hall (Double)	
Urso Hall (Single)	

Note: housing contracts are binding for a full academic year (both fall and spring semesters).

### *Board*

<b>Carte Blanche Plan:</b> plus 75 Spartan Dollars	\$3,001
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**The Favorite:** 15 meals plus 100 Spartan Dollars \$2,915

**The Ultimate:** 12 meals plus 150 Spartan Dollars \$2,866

**The Express:** 7 meals plus 75 Spartan Dollars \$1,619\*

\*Available to commuters and on-campus apartment residents only.

Note: Spartan Dollars offer flexible spending on purchases at all campus locations. They do not carry over from semester to semester.

Meals in 2022-23 will be served on the student meal contract at the University dining hall throughout the academic year, except during the following vacation periods: Thanksgiving, between fall and spring terms, and spring vacation.

### *Casual Meals and Other Meal Services*

Casual meals are offered to the University community and guests in the cafeteria seven days a week, except during vacation periods.

### *UT Dollars Card*

The UT Dollars Card is a declining balance card issued in \$50 increments and available to the entire University community. UT Dollars carry over from semester to semester.

To purchase a UT Dollars card, please contact Dining Services at (813) 258-7257.

## Other Expenses

Books and supplies cost approximately \$1,500 each year.

Some courses also require a fee to cover field trips or travel; these courses are noted in the Course Descriptions section of this catalog.

## Miscellaneous Fees

Applied music fee (per credit hour)	\$100
Communication film lab fee	\$75
Marine science lab fee (each course)	\$150-\$320
Course withdrawal fee after drop/add	\$30
Reinstatement Fee	\$50
Vehicle registration fee	\$55
Transcript fee (each)	\$10
Fall orientation fee	\$85
Spring orientation fee	\$55
Service charge for NSF (returned) checks	
\$25 for face value of checks \$50 or less	
\$30 for face value of checks \$50.01-\$300.00	

\$40 for face value of checks \$300.01 or more

Service charge for returned ACH payments \$25

### Total Costs

The basic semester costs for a full-time undergraduate resident student in 2022–23:

Tuition (12–18 credit hours)	\$15,018
Student Government Fee (required)	\$96
Student Service Fee (required)	\$525
Student Health Fee (required)	\$470
Room (double room)	\$3,165
Board (average 15-meal/week plan)	\$2,915
<b>Total</b>	<b>\$22,189.00</b>

### The University of Tampa’s Tuition Payment Plan (TPP)

The University of Tampa offers a convenient Tuition Payment Plan (TPP) to help students pay for their educational expenses with an interest free installment plan. Enrollment in the Tuition Payment Plan is required each semester the student intends to participate. Students may contact the Bursar's Office at (813) 253-6202 or visit our Payment Options Page on the website for more information.

### Dropping Courses, Withdrawals and Refunds

To ensure the integrity of academic records (official transcripts), students must officially withdraw or drop courses with the Registrar’s Office.

The Registrar’s Office updates the academic records of students who officially withdraw from The University of Tampa. The withdrawal date determines if there is an adjustment to the financial records. Students who withdraw from credit hours after the deadline to drop with 100% tuition credit still have those credits as registered hours on their class schedule. Those hours are considered part of overall credits, and thus, if a student wishes to add credits after withdrawing, they are responsible for any credit hour overload charges that apply.

#### Fall and Spring Semesters

#### Withdrawal or dropping of courses within the first five days of the semester:

A student who officially withdraws within the first five days of the term is not held financially responsible

for tuition and mandatory fee charges. The housing contract, however, is binding and will not be refunded. Any meal plan charge is prorated, based on the official withdrawal date. The student also may be held responsible for charges incurred during his or her time of enrollment (library fines, parking tickets, parking decal). Any deposits made to The University of Tampa are forfeited.

A student who officially drops credit hours within the first five days of the semester may receive an adjustment to his or her tuition and fee charges.

Example: A student enrolled for full-time tuition is charged \$15,018, mandatory fees of \$1,091 and the \$85 orientation fee (new students). The student drops enrollment from 12 to 9 credit hours. The account is adjusted in the amount of \$7,291 in tuition and incurs a \$50 student service fee. The mandatory fees of \$1,041 are reversed. The student remains responsible for the orientation fee.

	<b>Full-Time Status</b>	<b>9 Credit Hours</b>	<b>Account is Credited</b>
Tuition	\$15,018	\$7,727	\$7,291
Mandatory Fees	\$1,091	\$50	\$1,041
Orientation Fee (New Student)	\$85	\$85	\$0

#### Withdrawal or dropping of courses within the next two weeks of the semester:

A student who officially withdraws is held responsible for half the tuition and all mandatory fees. Any meal plan charge is prorated, based on the official withdrawal date. The student also may be held responsible for charges incurred during time of enrollment (library fines, parking tickets, parking decal).

Example: A student enrolled for full-time tuition is charged \$14,581, mandatory fees of \$1,056 and the \$85 orientation fee (new students). The student is held responsible for \$7,290.50 (half the tuition charge) and all fees.

A student who officially drops credit hours from Sept. 5 through Sept. 16 for the fall semester or Jan. 24 through Feb. 6 for the spring semester is held financially responsible for half the drop in enrollment hours, in addition to the charges for the hours maintained.

Example: A student enrolled for full-time tuition drops to 9 credit hours. The student is financially responsible for half the drop from full-time hours to 9 part-time hours.

Full-time status	\$15,018
9 credit hours	\$7,727
Responsible for half of drop	$\$7,291/2 = \$3,645.50$

Adjusted balance            \$11,72.50 =  
    \$7,727+\$3,645.50

Specific refund dates are indicated in the Academic Calendar .

### *Intersession/May Term*

Students who officially withdraw with the Registrar's Office on or before the first two days of the session receive a 100 percent tuition credit. No tuition credit is granted to any student who withdraws from or drops courses after the second day of the two-week session. There will be no reduction of housing charges at any time.

### *Summer Sessions*

Students should see the Academic Calendar for official withdrawal dates regarding summer sessions.

Students who officially withdraw with the Registrar's Office on or before the first five days of the 12-week session receive a 100 percent tuition credit. Students who officially withdraw or drop courses from the 12-week session within the next seven days of the session receive a 50 percent credit on tuition. Summer I and II students who officially withdraw with the Registrar's Office on or before the first three days of the session receive a 100 percent tuition credit. Summer I and II students who officially withdraw from the Registrar's Office on the fourth day of the session receive a 50 percent credit on tuition. No tuition credit is granted to students who withdraw from or drop courses after the fourth day of a six-week summer term. Summer term Executive MBA students who officially withdraw on or before the Thursday after the first class meeting receive a 100 percent tuition credit. A 50 percent tuition credit is given to students who officially withdraw on or before the Thursday after the second class meeting. There will be no reduction of housing charges at any time.

### *Policy for Return of Tuition Assistance with Department of Defense*

Tuition Assistance recipients who withdraw or drop courses during a term should consult with the Bursar's Office to discuss how changes to enrollment may impact their Department of Defense Tuition Assistance. Students who withdraw, drop, or are dismissed prior to completing 60 percent of the academic period will have their tuition assistance benefits reviewed to determine the amount of unearned funds that must be returned to the Department of Defense. Faculty award the grade of "NF" (no-show, failure) to any student who has not officially withdrawn yet has stopped participating at that point in the semester. The "NF" grade is equivalent to an "F".

The Bursar will update the Department of Defense MOU application on a yearly basis no later than April 15th with regards to updated tuition cost for the academic year.

### *Refunds*

Students may be eligible for a refund due to an overage in financial aid and/or payments that exceed the charges on their student account. Financial Aid will begin to disburse aid after the drop/add period has concluded. Please consult the Academic Calendar for details.

Refunds are processed when there is an actual credit on the student's account. Refunds will be disbursed to the student's UT Box (if applicable) or their permanent address on file with the university. Students can elect to receive their refund via Direct Deposit (electronic funds). Contact the Bursar's Office for additional information on Direct Deposit. Students must email the Bursar's Office if they would like the check to be sent to an address other than their permanent address.

Refunds due to a Parent Plus Loan will be issued to the borrower unless specified during the Plus Loan application process.

All refunds are subject to audit corrections. If a refund is received in error, the student must pay back the University within 30 days of notification.

### **International Payments**

University of Tampa offers an international payment portal for students wishing to pay tuition and fees from another country. The international payment portal, powered by Flywire, allows you to pay in foreign currencies by wire transfer, foreign credit/debit cards, and other international payment options. For more information visit our payment options on our website.

### **Delinquent Accounts**

Students are held accountable for all unpaid balances and, upon termination of enrollment, should contact the Bursar's Office regarding payment. The direct line is (813) 253-6202.

If there are any outstanding debts to the University, services such as issuance of official transcripts and diplomas or participation in registration are withheld.

In the event that a delinquent account is referred to an agency for collection, the student is held responsible for all collection, legal and attorney fees associated with the collection process. Approximately 35 percent in collection fees is attached to the outstanding balance. The delinquent account is reported to the local or national credit bureaus.

# Financial Aid

The University of Tampa offers a strong financial aid program that assists qualified students with their educational expenses. Financial assistance may be granted on the basis of need, academic or talent qualifications. Financial aid is administered without regard to race, age, color, gender, religion, handicap, national or ethnic origin. Aid also is administered in accordance with the nationally established definition of demonstrated need, that is, the difference between the student's resources (expected family contribution, as determined by the Free Application for Federal Student Aid) and the cost of attendance. Such costs include tuition, fees, room, board, books, supplies, transportation and personal expenses.

If you have questions about financial aid policies, contact the Financial Aid Office, The University of Tampa, 401 W. Kennedy Blvd., Tampa, FL 33606-1490. Telephone: (813) 253-6219. Fax: (813) 258-7439. Email: [finaid@ut.edu](mailto:finaid@ut.edu).

## General Information for All Students

### *How Financial Need is Determined*

Need is the difference between UT's cost of attendance and the expected family contribution (EFC). The Free Application for Federal Student Aid (FAFSA) is used to determine the EFC.

Factors considered in determining the EFC are parent and student income, assets, household size, number attending college, age of the primary wage earner and state of residency.

UT will send a financial aid award notice to students regarding their financial aid eligibility as soon as possible after receiving the FAFSA results. Current UT students may also review their financial aid award in Workday by logging into MyUTampa. New students must be admitted for an award to be calculated and may view their aid offer on the Financial Aid Portal. The financial aid award includes a student's federal, state (for Florida residents) and UT aid eligibility. Students must notify the Financial Aid Office if they are awarded funds from other resources (see Excessive Awards).

### *How to Apply*

Apply early to meet all deadlines. Follow these instructions to be considered for every need-based financial aid program available:

- For an estimate of financial aid eligibility, prospective students may use the net price calculator.
- To file an official application for financial aid, new and returning students should complete the Free Application for Federal Student Aid (FAFSA) as soon

after Oct. 1 as possible for the upcoming academic year. Students (and parents of dependent students) must electronically sign the FAFSA before it can be processed. "University of Tampa, Tampa, FL" must be listed on the FAFSA for UT to receive your results. **UT's FAFSA school code is 001538.**

- After the FAFSA is submitted, applicants who provided an email address will receive an email with a link to a Student Aid Report (SAR). If no email address was provided, applicants will receive paper SAR documents. Students should review the SAR for accuracy, and submit corrections online, if necessary.
- Your FAFSA may be selected for verification by the federal processor. If your FAFSA is selected, you will be asked to submit additional documents to the Financial Aid Office\*, such as copies of IRS tax return transcripts, or statements confirming benefits, etc. Eligible non-citizens may be asked to provide copies of their Resident Alien Cards or other documentation.
- The FAFSA is required to determine eligibility for federal student aid programs (including the Pell Grant), and need-based aid programs from the State of Florida and UT. In addition to filing the FAFSA, students who reside in a state other than Florida should check with their guidance office about how to apply for grants from their home state.
- Florida residents must complete the Florida Financial Aid Application (FFAA) before graduating from High School to be considered for one of the lottery-funded Bright Futures Scholarships.

Students must be admitted to The University before the Financial Aid Office may make a financial aid award.

\*The Financial Aid Office has contracted with KHEAA (the Kentucky Higher Education Assistance Authority) to provide some FAFSA services, including verification processing. More information is available on the UT website: [www.ut.edu/financialaid/notification/](http://www.ut.edu/financialaid/notification/).

### *Cost of Attendance*

In addition to tuition, fees, room and board, consider books, transportation and other personal expenses. The average annual cost for books and supplies is estimated at \$1,500 for a full-time, undergraduate student.

Remember that no matter how much an institution costs, the EFC is based on the FAFSA. This means that when the difference between the Cost of Attendance and family contribution is supported by financial aid, a UT education may be within reach.

### *How Students are Notified*

Official financial aid award notices are sent via regular mail. Students may also view their financial aid awards in the "Finances" worklet in Workday. All UT students may generate a PDF of their financial aid **Award Letter** and the **College Financing Plan** in Workday.

Need-based aid is awarded in a package usually consisting of grants and scholarships (which do not have to be repaid), low-interest student loans (which are repaid after the student graduates or leaves school) and work-study (through which students can earn money for college expenses).

Many aid programs have limited funding available. Funds are first offered to the students with the greatest demonstrated financial need (as determined by the results of the FAFSA) until depleted.

For new students, acceptance of aid requires an admissions deposit, which is credited to the first-term bill. Student loans offered may be accepted or declined using the accept/decline feature in Workday.

Parents apply for the PLUS loan on [StudentAid.gov](http://StudentAid.gov); UT receives electronic confirmation of the credit decision and requested loan amount approximately 2-3 business days after application.

Our primary method of communicating with students is via email to your UT-issued email account. Prospective students should regularly check the email address submitted on their admissions application and current UT students are expected to check their SpartanMail account for important communications from the Financial Aid Office.

### *Outside (Private) Scholarships*

A number of sources are available for information on outside scholarships, grants, fellowships and loans. High school guidance offices, local libraries (the College Blue Book is a great source) and the scholarship database hosted on the Outside Scholarships page of the UT website can help you start your search.

Be wary of scholarship applications that charge a fee. Most outside programs have early deadlines. Many scholarship applications require copies of high school or college transcripts, two or three letters of reference and an essay on a topic specified in the application instructions. Some scholarships are awarded monthly; remember to reapply each month for consideration!

Students who receive funds from an outside scholarship source must send a copy of the award notice to the Financial Aid Office. See the Excessive Awards section of this chapter.

### *Special Circumstances and Professional Judgment*

Federal regulations allow an aid administrator to use their *Professional Judgment* (PJ) on a case-by-case basis to alter the data elements on the Free Application for Federal Student Aid (FAFSA) used to calculate the Expected Family Contribution (EFC), to change the student's dependency status or to adjust the student's

cost of attendance. Adjustments must be determined to be appropriate and reasonable as deemed by the aid administrators. The student must provide documentation to demonstrate the reason for the adjustment and it must relate to the special circumstances that differentiate the student. Inconsistent or conflicting information must be resolved *before* making any adjustments.

Before a financial aid counselor can proceed with your PJ request, we must have an error-free FAFSA on file. If you have been selected for Federal Verification, a Professional Judgment cannot be processed for changes until verification is complete.

The submission of a Professional Judgment request does not guarantee a change to your financial aid award.

### **Changes to the FAFSA**

Changes to the FAFSA

The goal of adjusting the FAFSA is to reduce the EFC, in the hopes of increasing a student's federal aid eligibility. Therefore, students who already have a 0 Expected Family Contribution (EFC) do not qualify for a Professional Judgment review; they already receive the maximum amount of aid possible. A change to the EFC could, but is not guaranteed to, result in a change of eligibility for need based awards. The Professional Judgment is not a guarantee of additional funding.

Examples of reasons to request a change to the FAFSA:

- Loss or reduction of income (needs to be out of job 3-6 months before review will be completed)
- Child Support reduction or change
- Divorce/Separation of parents/spouse
- Death of parent(s) or spouse
- One-time taxable income (IRA disbursement, pension distribution, etc.)

Email your Financial Aid Counselor to determine if a PJ may help you qualify for additional aid. In the subject include "*Change in Family Circumstances*" and provide detailed explanation of your special circumstances. Your assigned counselor will reply and request the necessary documents for the review. An aid administrator's decision regarding adjustments is final and cannot be appealed to other individuals of the institution or the U.S. Department of Education.

Possible Documentation Required:

- Signed taxes (years to be determined by counselor)
- W2's and /or 1099 forms
- Unemployment benefits
- Court or Legal Documents
- Death certificates
- Additional Documentation may be requested

### **Changes to the Cost of Attendance**

The Cost of Attendance (COA) consists of standard school expenses (tuition, fees, and books) and an estimate of a student's standard living expenses (housing, food, transportation, and other expenses). Each student's financial needs are different so the estimated COA may not accurately reflect every student's circumstances. Federal regulations permit financial aid counselors, on a case-by-case basis to increase the COA to reflect the student's actual (documented) living expenses.

The goal of adjusting the Cost of Attendance is to allow the student to borrow additional loan funds, subject to annual loan limits and/or credit approval (for PLUS or private loans). Adjusting the Cost of Attendance does not result in additional need-based grant or scholarship eligibility (eligibility for these is determined by the EFC).

Examples of reasons to request a Cost of Attendance adjustment:

- Housing costs in excess to the amount allotted in the standard COA
- Utilities in excess of the amount allotted in the standard COA
- One-time purchase of a computer for educational expense
- Meal costs in excess of the amount allotted in the standard COA (such as for special dietary needs - medical documentation required)
- Transportation such as car insurance (car payments/lease NOT allowed)
- Excessive out of pocket medical and/or dental expenses in excess of 11% of household's Adjusted Gross Income

Email your Financial Aid Counselor to determine if a PJ may help you. In the subject include "*Cost of Attendance adjustment request*" and provide detailed explanation of your actual expenses related to the Costs of Attendance. Your assigned counselor will reply and request the necessary documents for the review. An aid administrator's decision regarding adjustments is final and cannot be appealed to other individuals of the institution or the U.S. Department of Education.

- Signed copy of lease
- Utility bills with breakdown of charges
- Medical documentation
- Receipts (grocery, computer, medical bills etc.)
- Additional Documentation may be requested

### Dependency Override

Students who are over the age of 24, have dependents of their own, are an orphan or ward of the court or are veterans or active duty military service members are considered *independent* for the purpose of determining their financial aid eligibility. All other

students are considered *dependent* and must include parental information on their FAFSA application. The goal of a dependency override is to make the student independent for financial aid purposes, and remove parental information from the EFC calculation on the FAFSA.

Dependency overrides are rare, and documentation is essential. Among other information, a student will need to provide documentation from an independent third party such as teachers, counselors, doctors, social workers, clergy, police, etc.

Dependency override cannot be used to change the student's marital status on the FAFSA.

Examples of reasons to request a Dependency Override:

- Cases of parental abuse, neglect, abandonment, or incarceration (with appropriate written third-party documentation)
- Parents cannot be located
- Death of the custodial parent and no other biological or adoptive parent can be reached by ordinary means
- Student is a political refugee
- Student has been a ward of the court at any time after the age of 13

Parent refusal to provide information on the FAFSA is not a valid reason for dependency override. However, students whose parents refuse to provide information on the FAFSA may be eligible to receive dependent level unsubsidized loans. If this applies to you, contact your Financial Aid Counselor.

Possible documentation required:

- Signed and dated statement from parents they refuse to complete the FAFSA **AND** state they will not provide financial support (include the date the support stopped).
- Third-party documentation (such as from teacher, counselor, or court) of family situation
- Parents do not claim the student on tax return
- Student lives apart from parent
- Student works and is financially self sufficient

Email your Financial Aid Counselor to determine if a PJ may help you qualify for additional aid. In the subject include "*Dependency Override request*" and provide detailed explanation of your circumstances related to the Dependency Override. Your assigned counselor will reply and request the necessary documents for the review. An aid administrator's decision regarding adjustments is final and cannot be appealed to other individuals of the institution or the U.S. Department of Education.

### *Excessive Awards*

Students who receive scholarships, grants or loans from outside sources may not receive funding that

exceeds the Cost of Attendance (as determined by the Financial Aid Office) when combined with the rest of your financial aid award package.

Scholarships and other awards received from University and non-University sources must be included toward meeting “need” if “need-based” assistance is part of an award. The receipt of outside or additional funds may result in a reduction or change in funds previously awarded.

The Financial Aid Office will make every effort to minimize the impact of additional aid sources to aid previously awarded. If it becomes necessary to adjust a student's financial aid award, loans and work-study funds are adjusted first. Scholarships and grants are adjusted only after all other options are exhausted.

Students must notify the Financial Aid Office of any private or outside scholarships and awards. The Financial Aid Office can assist in administering the funds and evaluate whether any changes to other aid in the award package are necessary.

### *Study Abroad Programs and Coursework Taken Outside of UT*

UT scholarships may be used only in conjunction with a University-approved tuition exchange program. Students may not apply University scholarships to external programs. Students who study abroad for a period of one year or less and return to UT in the semester immediately following the education abroad program, UT scholarships will be reinstated.

As the home school, UT is responsible for administering your financial aid and reporting enrollment. To use federal or State student financial aid funding while seeking credit at any institution outside of UT (whether studying abroad or taking courses at a school close to home during breaks), students must have their coursework approved in advance by the appropriate departments at UT using the Transient Credit Request form. The Transient Credit Request form is available from the Academic Advising Office.

Having the coursework pre-approved ensures the coursework is applicable towards your UT degree and is necessary for your financial aid counselor to determine your aid eligibility. Refer to the Transfer Credit Evaluation section in this Catalog for more information. Students must submit the completed Transient Agreement to their financial aid counselor. The financial aid counselor will use this form to initiate a Consortium Agreement with the abroad program (or transient school) for the administration of aid.

### *Disbursement of Financial Aid*

Financial aid funds are typically awarded for the entire academic year; half of the funds are credited to each semester. For most degree programs, an academic year generally consists of a fall and spring semester. Aid funds are applied directly to student charges at the beginning of each term.

Aid disbursements may be delayed due to incomplete financial aid action items, verification or insufficient enrollment status.

Loan entrance counseling and master promissory note are required before federal loan funds can be disbursed. Check for action items in your Workday inbox or contact the Financial Aid Office with questions.

Aid from work programs are not applied to student accounts. Instead, students earn a paycheck from the University based on hours worked.

Most federal student aid requires half-time enrollment in courses that count towards your program of study. Most institutional (UT) and Florida aid programs require full-time enrollment. Institutional aid may be used only during the fall and spring semesters and is not available during summer terms or intersessions. Only coursework taken in the Fall and Spring semesters may be counted towards enrollment status required for institutional aid; coursework in the intersessions are not included.

See your financial aid counselor in advance if you anticipate changes in your enrollment status or have questions.

### *Changes in Enrollment*

Changes in enrollment during an academic period (such as official withdrawals from The University, dropping classes, or otherwise ceasing to attend all courses, or change the number of credits taken during the period) may impact the aid awarded for that period. Changes to your program of study that occur during an academic period may also affect your financial aid award. For federal student aid, only courses that count towards meeting the requirements of your degree can be used to determine your enrollment status (i.e. full-time, 3/4-time, half-time, less than half-time, not enrolled). This means your enrollment status for federal student aid eligibility may be different from your enrollment status in your Academic Record. The Financial Aid Office may be required to return all or a portion of your aid for that period.

Students who withdraw (officially or unofficially) before completing 60% of the academic period in which they were enrolled are subject to the federal **Return to Title IV** calculation, and a portion of any federal student aid received for that academic period may need to be returned. Title IV is the section of the Higher Education Act of 1965 (HEA) which creates the federal student aid programs and the regulations that govern them. Withdrawal date is defined as the date on which the student began the institution's official withdrawal process, the student's last date of recorded attendance or academically related activity, or the midpoint of the semester if the aforementioned dates cannot be determined. The withdrawal date is determined by the Financial Aid Office.

Faculty award the grade of "NF" (no-show, failure) to any student who has not officially withdrawn yet has

stopped participating at some point in the semester. The "NF" grade is equivalent to an "F". The Financial Aid Office will review all students who earn all "NF" or all "F" grades in an academic period to determine if a return of funds is required. Students who earn all "NF" or all "F" grades may be considered to have 'unofficially withdrawn' from the academic period.

Students who withdraw during an academic period may also lose future aid eligibility. See the section on Renewal of Awards for more information.

### **Institutional Aid**

Institutional aid is pro-rated based upon the withdrawal date. Students who are responsible for 100% of the tuition for the term are eligible for their institutional aid, so long as they met all other eligibility requirements for the aid at the time of withdrawal (i.e. GPA required for renewal, enrolled full-time, verification is complete for need-based aid, etc.).

### **Florida Aid Programs**

Most aid from the State of Florida will be credited towards the tuition bill for the term in which the student withdraws if the student is responsible for 100% of their tuition for the term.

The State requires that Bright Futures scholarships be pro-rated based on the number of credits enrolled throughout the term, therefore Bright Futures funds are returned to the State when students do not complete all credits attempted in a term.

Students must repay the unearned Bright Futures funds before they can receive additional Bright Futures scholarship funds in future academic periods.

### **Return of Federal Student Aid**

Regulations require that the Financial Aid Office recalculates federal aid eligibility for a student who withdraws, drops or otherwise stops attending prior to the end of a term. This is called the federal **Return to Title IV Calculation**. Title IV is the regulation under which federal student aid programs are administered.

Title IV aid includes:

- Pell Grant
  - Iraq and Afghanistan Service Grant
  - SEOG Grant
  - TEACH Grant
  - Perkins Loan
  - Direct (subsidized and unsubsidized) loans
  - Direct Parent PLUS and Graduate PLUS loans
- Veterans Educational benefits, Military Tuition Assistance and ROTC Scholarships are not Title IV aid programs and therefore are not affected by the Return to Title IV Calculation.

The recalculation of federal student aid is based on the percent of aid earned using the following formula: the number of days completed up to the withdrawal

date (determined by the Financial Aid Office), divided by the total days in the academic period.

Federal financial aid is returned based on the percentage of unearned aid using the following formula: 100%, minus the percent of aid earned, multiplied by the amount of aid disbursed for the term. Students who complete at least 60 percent of the term are considered to have earned 100 percent of their federal student aid.

Funds that could not have been disbursed at the time of withdrawal cannot be used as part of the calculation. This may include cases where master promissory note, loan entrance counseling, verification or other documents were not complete at the time of the withdrawal.

For loans not disbursed at the time of withdrawal, the student (or the borrower of a Parent PLUS loan) must notify the Financial Aid Office in writing if they wish to accept the post-withdrawal disbursement of any loan funds. Students have 21 days from the date of the notice to accept a post-withdrawal disbursement of their loans.

In cases where a return of aid is required, students will be sent a notice regarding the amount of aid they are eligible to keep. The federal calculation will sometimes indicate that some aid must be returned by the school and a portion returned by the student. In cases when this occurs, UT will generally return all of the funds on the student's behalf so the student does not owe a repayment of federal student aid funds (which can affect aid eligibility at another school). When federal aid is returned, the student will owe a balance to the University. Students should contact the Bursar's Office to make arrangements to pay the balance due.

### **Military Tuition Assistance**

The U.S. Department of Defense requires a return of funds calculation for students receiving Tuition Assistance. See section on Tuition Assistance with Department of Defense under Costs and Financial Information in this Catalog for more information. Military Tuition Assistance funds are handled by the Bursar's Office.

### *Prizes*

The University offers a limited number of prizes to recognize student accomplishments in competitions, academic achievements or performance. Prizes are different from scholarships in that the intent of the funds is to reward achievements, not to defray educational costs. Often prizes are awarded towards the end of a term and may be awarded in the form of a check; scholarships are typically awarded before a term begins and are always disbursed to student accounts via the student's financial aid record.

Prizes are not considered financial aid and do not appear as a part of a student's financial aid award package. Prizes **are** considered income by the IRS, and therefore must be reported on a student's income tax return for the year in which the prize is received (if the



student is required to file). The value of the prize would also then be used on the FAFSA to calculate the EFC.

Faculty and staff who have questions about this policy should contact the Director of Financial Aid.

## Types of Assistance Available

Eligibility for most financial aid programs requires students to be enrolled in a program of study leading to a degree and be a U.S. citizen or eligible non-citizen.

### *Scholarships and Grants*

Scholarships and grants are types of aid that do not need to be repaid. They can be merit-based or need-based and are available from federal, state and outside (private) resources. Many of UT's scholarships and grants are made possible by the generous donations of alumni and friends.

Most scholarships and grants are renewable. For more information on renewing UT scholarships and grants, refer to the section on Renewal of Awards or refer to your scholarship award letter. Endowed and Annual scholarships are renewed on a funds-available basis, in addition to other requirements as outlined.

Institutional scholarships and grants are an earned reduction on the regular full-time undergraduate tuition rate (available in the Fall and Spring semesters only). Students must be assessed the full-time undergraduate tuition rate by UT in every term in which they seek to receive institutional scholarship or grant funds.

Students participating in Study Abroad Programs should speak with their Financial Aid Counselor about their using their aid to help pay for the costs of these programs. Institutional scholarships and grants may not be used for most Study Abroad Programs. Upon return to UT, institutional scholarships and grants will be reinstated, provided all other scholarship eligibility requirements are met.

Students enrolled in a 4+1 program (where students earn both a bachelor's and master's degree in 5 years) may receive institutional scholarships and grants up to the term in which they are admitted into the graduate program (typically the last year of study). For more information on programs offered in this format, see the Areas of Study .

### **Merit Scholarships and Non Need-Based Assistance for First-Year Applicants**

High school applicants may qualify for either the Presidential, Dean's, Minaret, or Spartan scholarship, but not more than one. Scholarships are awarded to new students at the time of admission on a funds-available basis. Eligibility is based on unweighted GPA. Unweighted GPA is the average of class grades based on a 4.0 scale as calculated by UT.

All institutional scholarships and grants require full-time enrollment at UT unless otherwise stated. Students must meet the minimum standards of federal Satisfactory Academic Progress to renew institutional scholarships and grants. Additional requirements may

apply to specific awards, as outlined in your award letter, on the UT website and/or in this Catalog.

#### *Presidential Scholarship*

High school applicants who attend full-time and have an average unweighted 3.78 GPA (as calculated by UT policies) can qualify for up to \$18,000 per year. A minimum 3.0 cumulative GPA is required for renewal of the scholarship.

#### *Dean's Scholarship*

High school applicants who attend full time and have an average unweighted GPA of 3.58 GPA (as calculated by UT policies) can qualify for up to \$14,000 per year. A minimum 2.8 cumulative GPA is required for renewal of the scholarship.

#### *Minaret Scholarship*

High school applicants who attend full time and have an average unweighted GPA of 3.2 (as calculated by UT policies) can qualify for up to \$10,000 per year. A minimum 2.5 cumulative GPA is required for renewal of the scholarship.

#### *Spartan Scholarship*

High school applicants who attend full time and have an average unweighted GPA of 3.14 (as calculated by UT policies) can qualify for up to \$6,000 per year. A minimum 2.5 cumulative GPA is required for renewal of the scholarship.

#### *International Baccalaureate (IB) Scholarship*

Awards of \$1,000 are available to entering freshmen who have satisfied all the requirements of the IB Diploma and attend full-time. New students should submit a copy of their IB Diploma to the Office of Admissions for consideration. Must be admitted to UT by May 1. A minimum 2.8 cumulative GPA is required for renewal.

#### *President's Leadership Fellows*

The President's Leadership Fellows is a competitive, four-year, cohort-based scholarship program. Twenty-five fall incoming high school students with unweighted cumulative GPAs of 3.4 and minimum SAT scores of 1100 (not including the writing section) or minimum composite ACT scores of 24 who are active leaders and volunteers in their high schools or communities are selected to receive the \$1,000 award. A minimum 3.0 cumulative GPA is required for renewal of the scholarship. The application may be found online at [www.ut.edu/leadership](http://www.ut.edu/leadership) Deadline is Feb. 15.

#### *Bonner Leaders*

The Bonner Leader Program is a four-year service commitment for undergraduate students. Each year, eight students are selected from the incoming freshmen class to participate in this intensive work and scholarship program. The Bonner Leader Program is designed to transform the lives of participating students, the University campus culture and the Tampa Bay community in which the students serve. Students selected to participate in the Bonner Leader Program are awarded a \$2,000 scholarship and federal Work Study funding, provided all other eligibility

requirements to receive federal Work Study funding are met. Additional information on the Bonner Leader Program and application are available on the UT website. Bonner applicants must also complete the FAFSA. Application deadline is Mar. 1.

### **Merit Scholarships and Non Need-Based Assistance for New Transfer Students (completed at least 17 college credits at time of application)**

Transfer applicants have already graduated high school and completed 17 or more college credits at the time they apply for admission. See section on Undergraduate Admission, "Admission Policy" for more information. Students who previously attended UT and apply for readmission are considered for merit scholarships as transfer students.

All institutional scholarships and grants require full-time enrollment at UT unless otherwise stated. Students must meet the minimum standards of federal Satisfactory Academic Progress to renew institutional scholarships and grants. Additional requirements may apply to specific awards, as outlined in your award letter, on the UT website and/or in this Catalog.

#### *Transfer Scholarship*

A new transfer student who plans to attend full time and has a 3.0 or higher cumulative college GPA (as calculated by UT policies) can qualify for up to \$9,000 per year. A minimum 2.8 GPA is required for renewal of the scholarship.

#### *Phi Theta Kappa Scholarship*

Awards of \$2,000 are available to new full-time transfer students who are members of Phi Theta Kappa (inducted into PTK post-high school graduation). Proof of membership should be submitted with the admissions application. Students must be admitted to UT prior to May 1. A minimum 2.8 cumulative GPA is required for renewal.

#### *Admissions Guarantee Scholarship*

The UT Transfer Admissions Guarantee Scholarship is awarded to qualified transfer students admitted through the UTAG program. Eligible students receive a \$1,000 scholarship annually.

### **International Student Scholarships**

UT offers partial academic scholarships to qualified undergraduate freshmen and transfer international students with exceptional grades, SAT and TOEFL scores. Scholarships up to \$12,000 per academic year are awarded to incoming freshmen and up to \$7,000 for transfer students, depending on the level of achievement.

### **Other Scholarship Opportunities**

#### *ROTC Scholarships*

Army, Air Force and Navy ROTC scholarships can be used to finance a UT education. Students who receive ROTC scholarships may also be eligible to receive UT ROTC room and board grants covering *up to the average cost* of on-campus room and board (not to exceed actual room and board costs). In addition, ROTC

scholarship recipients may receive monthly stipends for personal expenses from the ROTC Program.

Two-, three- and four-year ROTC scholarships are possible at UT. Students who do not have ROTC scholarships in their first year may apply for two- or three-year scholarships. Check with the appropriate service branch for scholarship application deadlines. For more information:

- Army ROTC (813) 258-7200
- Air Force ROTC (813) 974-3367
- Navy ROTC (800) 628-7082 ext. 22343

To qualify for a UT ROTC room and board grant, students must apply and be admitted to the University as full-time undergraduate degree-seeking, live in campus housing and purchase a meal plan. They should indicate that they are candidates for ROTC scholarships when they submit their application for admission. Awards are made for the *lesser* of the average room and board costs or the student's actual charges.

For students living off-campus, UT offers a grant to help students with the cost of meals (board). The amount of the grant is equal to the amount used in constructing the off-campus meals component in the Cost of Attendance, as determined by the Financial Aid Office.

The amount of both room and board grants are reduced by federal and state scholarships and grants received.

ROTC students must complete the FAFSA. Florida residents must satisfy all annual renewal requirements for state-funded awards. The amount of the UT ROTC room & board grants is reduced by the amount of other awards that students receive, including (but are not limited to): Florida Bright Futures scholarships and the Federal Pell Grant. The room and board grant is awarded in the fall and spring semesters only.

Students may not receive more than the actual cost of attendance from all sources of aid. Total gift aid may not exceed total direct costs (tuition, fees, room and board). ROTC scholarships may not be combined with any previously awarded UT scholarships or grants. For more information, see section on Excessive Awards.

#### *Athletic Grants*

The University of Tampa is a member of NCAA Division II. For a complete list of all athletic teams, see Tampa Spartans Homepage. Athletic scholarships are based upon recommendations from the athletic department and are subject to rules set forth by the NCAA, federal and state regulations and institutional policies. Recruited athletes with athletic aid must complete the FAFSA.

#### *Departmental Scholarships*

Some academic departments offer scholarships to new full-time undergraduate students. Awards are limited, vary in amount and are based on academic ability, talent and commitment to a specific academic major. A minimum 2.8 cumulative GPA generally is

required for renewal, as well as maintaining full-time enrollment status and the designated major.

A complete list of available scholarships, application requirements and deadlines are available at [www.ut.edu/scholarships](http://www.ut.edu/scholarships).

#### *Study Abroad Scholarships*

UT offers limited scholarships for students participating in study abroad programs. For information on availability and application process, see Education Abroad Homepage or contact the Office of International Programs.

With the exception of scholarships specifically offered for students participating in study-abroad experiences, UT scholarships and grants may not be used during periods of enrollment at another institution.

Speak to your Financial Aid Counselor about the types of aid available for study abroad experiences.

#### **University of Tampa Need-Based Grant (U.S. Citizens and Permanent Residents)**

By completing the FAFSA, students also are applying for the UT need-based grant. Amounts vary according to need and availability of funds. These grants are made possible to full-time undergraduate students through the generosity of friends and alumni of the University.

Need-based grants are renewable for a maximum of 9 semesters or until normal degree-completion would occur, whichever comes first. Students must be enrolled full-time, complete the FAFSA (and demonstrates a similar level of financial need each year), and meets Satisfactory Academic Progress requirements.

#### **Florida Residents**

The Financial Aid Office will package new students with Florida aid if there is reasonable belief that the student will meet the state's residency requirements. Students who believe they meet the State's residency requirements and are not packaged with Florida aid should speak to their Financial Aid Counselor .

The State of Florida considers a student a resident if they (or a parent, for dependent students) have lived in the state for 12 consecutive months before the first day of classes. A Florida Residency Affidavit and supporting documentation is required.

To receive aid from any Florida aid program, students must first meet the state's residency requirements as described above. Also see section on Renewal of Awards for more information.

#### *Florida Effective Access to Student Education (EASE) Grant*

This is a no-need grant for Florida residents attending a private college or university full-time in Florida. The grant, formerly known as the Florida Resident Access Grant (or FRAG), is \$2,000 in the 2022-23 award year.

#### *Florida Bright Futures Scholarship Program*

This umbrella program offers three lottery-funded scholarships to reward Florida high school graduates

who merit recognition of high academic achievement and who enroll in an eligible Florida post-secondary educational institution within three years of high school graduation.

Students should work with their high school counselor to fulfill the requirements of the Bright Futures scholarship they would like to earn. Initial awards are made by the Florida Department of Education. UT will predict eligibility for the Bright Futures awards based on an applicant's high school GPA at the time of admission. The State notifies schools of students' eligibility for these awards around July 1 each year. For additional information, visit [www.floridastudentfinancialaid.org](http://www.floridastudentfinancialaid.org).

Bright Futures award amounts are determined by the number of credits for which a student is enrolled each term. As a result, awards may vary from one term to the next. At the time of this writing, the 2022-23 award amounts have not been announced by the State. The award amounts below are estimated using current year awards.

- Florida Academic Scholars: Scholarship award is estimated at \$211 per credit hour.
- Florida Medallion Scholars: Scholarship award is estimated at \$158 per credit hour.
- Gold Seal Vocational Scholars: Funding from this program may not be used towards a baccalaureate degree.

Students who drop classes during a term are required to repay any unearned funds to UT to be eligible for Bright Futures awards in the next academic term. The Financial Aid Office will send updated award notices to affected students as changes occur.

#### *Florida Student Assistance Grant (FSAG)*

This need-based grant for Florida residents is awarded in varying amounts to students who meet the state's eligibility requirements. Since FSAG is a state allocation, funds are limited. Students apply by completing the FAFSA.

The maximum EFC to qualify is \$9,309 in the 2022-23 award year.

#### *Florida Minority Teacher Scholarship*

This collaborative performance-based scholarship program between Florida community colleges and private universities and colleges provides \$4,000 scholarships for minority students who are Florida residents and are enrolled as juniors in a state-approved teacher education program. Awards are available to eligible African American, Hispanic, Asian American and Native American students, as well as to dislocated military personnel and dislocated defense contractor employees.

Initial applicants must complete the Minority Teacher Education Scholarship application, available on the Florida Fund for Minority Teachers website, [www.ffmt.org](http://www.ffmt.org).

Students are eligible to receive the award for a maximum of three consecutive years. The Florida Fund

for Minority Teachers will notify all nominated applicants of their application status.

#### *Honorably Discharged Graduate Assistance Program*

HDGAP funds are intended to assist active duty and honorably discharged members of the Armed Forces pay for living expenses during holiday and semester breaks. This program was newly created by the 2014 Legislature.

To qualify, students must:

- Be Florida residents who are active duty or honorably discharged members of the Armed Forces who served on or after Sept. 11, 2001,
- Be degree-seeking,
- Have unmet need (as determined by the results of the FAFSA)

Veterans must submit a copy of their DD-214 Member-4 form to UT's VA Certifying Official in the Registrar's Office to show nature of discharge.

Students may receive up to \$50 per day for a maximum of 20 days (\$1,000) per academic year. Funds are limited.

#### **Other State Grants**

Students who live outside Florida should ask their high school guidance counselors for information on grants available in their state. Some states permit the transfer of state grants to colleges or universities in other states.

#### **Federal Grants**

Federal grants are available to U.S. Citizens, Permanent Residents and eligible non-citizens who complete the Free Application for Federal Student Aid (FAFSA). Federal need-based grants are awarded based upon the Expected Family Contribution (EFC), which is the result of the FAFSA. Students must complete the FAFSA each award year to be considered for federal, state, or institutional need-based aid.

Need is calculated by subtracting the EFC from the Cost of Attendance (COA):

$$\text{COA} - \text{EFC} = \text{need}$$

For additional information on these and other federal grants, visit [www.studentaid.gov](http://www.studentaid.gov).

#### *Pell & Iraq and Afghanistan Service Grants*

The Pell grant is awarded on the basis of need and the cost of the individual institution. The maximum award is \$6,895 and the maximum EFC to qualify is 6,206 in the 2022-23 award year. Students apply by completing the FAFSA. The federal government limits the lifetime eligibility to receive Pell grant funding to the equivalent of six award years (or 600%). Students may check their Pell Grant Lifetime Eligibility Used on the National Student Loan Data System (NSLDS) website.

Students whose parent or guardian was a member of the U.S. Armed Forces and died as a result of military service performed in Iraq or Afghanistan after the events of Sept. 11, 2001, were under 24 years of age or enrolled in college at least part time at the time of the service member's death, and are Pell Grant eligible

receive the maximum Pell grant award for the academic year. The Iraq and Afghanistan Service Grant (IASG) is awarded to students meeting these criteria who are not Pell Grant eligible. The IASG maximum award amount is estimated at \$6,501.99 in 2022-23.

#### *Supplemental Education Opportunity Grant (SEOG)*

This federal grant is awarded in varying amounts to students from low-income families. Priority is given to students who are Pell Grant-eligible. Since SEOG is a federal allocation, funds are limited. Students apply by completing the FAFSA.

#### *TEACH Grant*

The Teacher Education Assistance for College and Higher Education (TEACH) Grant is available to graduate and undergraduate students who intend to pursue a career in teaching. Eligible students will have completed the FAFSA, though this is not a need-based grant. Students who receive funding through the TEACH Grant program agree to teach in a high-need field at a school serving students from low-income families for four years within eight years of graduating or ceasing enrollment. The maximum TEACH Grant amount in 2022-23 is \$3,772 and is pro-rated based upon the students level of enrollment (full time, 3/4 time, half time, less than half time).

### *Loans*

#### **Federal Direct Loans**

Students must complete the FAFSA to be eligible to take loans through the federal Direct Loan program. A loan promissory note and entrance counseling are required before loan funds may be disbursed. Loan promissory note and entrance counseling are completed online at [www.studentaid.gov](http://www.studentaid.gov).

More information is available on the Direct Loan program at [www.studentaid.gov](http://www.studentaid.gov).

#### *Subsidized Student Loan*

This is a need-based loan available to undergraduate students; the federal government subsidizes (pays) the interest on the loan while the student is attending school at least half-time.

The loan limit for freshmen is \$3,500; sophomores may borrow up to \$4,500; and juniors and seniors may borrow up to \$5,500 per year.

#### *Unsubsidized Student Loan*

This loan is available to undergraduate and graduate students enrolled at least half time regardless of need.

Undergraduate students are eligible to borrow up to \$2,000 per year, in addition to their subsidized loan eligibility. Interest begins to accrue immediately after disbursement. Independent students (as determined by the FAFSA) may borrow additional unsubsidized loan funds, up to \$4,000 for freshmen and sophomores and \$5,000 for juniors and seniors.

The unsubsidized annual loan limit for graduate students is \$20,500 per academic year, up to the student's cost of attendance (a student's cost of

attendance may be less than the annual loan maximum).

The interest rate is 4.99 percent in for undergraduates and 6.54 percent interest for graduate students on loans first disbursed on or after July 1, 2022.

#### *PLUS Loans*

This is a credit-based federal loan available to graduate students and parents of dependent undergraduate students. Borrowers may apply for an amount up to the student's cost of education, minus financial aid. Apply online at [www.studentaid.gov](http://www.studentaid.gov).

Repayment starts 60 days after final disbursement. Borrowers may request deferment on repayment of the PLUS Loan from the Department of Education. Such requests must be made annually, so long as the student on whose behalf the loan is taken remains enrolled at least half-time. The student beneficiary of the PLUS loan must file the FAFSA. UT will receive notification electronically of the credit decision and the amount requested.

The interest rate is 7.54 percent for loans first disbursed on or after July 1, 2022.

#### **Institutional Loans**

UT makes loans to students from institutional funds available. Funding is limited. Institutional loans are available to students who demonstrate financial need (determined by the FAFSA). New students are automatically considered for this loan upon receipt of the FAFSA.

Loan disclosures, loan entrance counseling, promissory note and a seven-day waiting period following the final disclosure are required before funds can be disbursed.

No interest accrues while students are enrolled at UT; interest rate is 5 percent in repayment. This loan goes into repayment six months after the student leaves UT. Deferment is not available on this loan.

#### **Alternative or Private Loans**

Many private banks and lenders offer loans for financing educational costs. These are credit-based loans and students must complete the lender's application process. Interest and payment terms vary. Students may apply for as much as UT's cost of attendance less other aid received. See Excessive Awards for more information.

We recommend families exhaust all aid options before taking an alternative loan, including federal student loans (federal loans are generally less expensive). A FAFSA is not required for alternative loans. Students who wish to take an alternative loan and do not complete the FAFSA must complete **private loan counseling** with their financial aid counselor prior to receiving the alternative loan funds.

Lenders may require a co-borrower, making payments while in school, or have other stipulations. Even if not required by the lender, students may choose to apply with a cosigner because it could reduce the interest rate.

UT will process a loan from any lender. The Financial Aid Office regularly evaluates and maintains a preferred lender list of those we believe provide the best loan products and services to students. See UT's preferred lender list for more information:

- Graduate Students
- Undergraduate Students

#### *Work*

Work-study programs awarded as part of a student's aid package are typically the **only** aid that is not applied toward a student's billing statement. Instead, students earn a paycheck for the hours worked; most positions pay minimum wage. When students first begin working for UT, it may take several weeks to receive a first paycheck. After that, students are paid twice monthly.

Openings for all work programs are posted on Workday. To search for jobs in Workday, students should:

- Log in to Workday
- Click the **Career** icon
- Click Find Jobs - Students

Students must be eligible for employment; additional documentation is required, like a social security card, U.S. passport and/or driver's license. Your supervisor will assist you with the required employment paperwork before you begin your first day of work. Students may not begin working until the appropriate documentation is complete. International students must receive a social security card valid for employment before they may begin working.

#### **Federal Work-Study**

To apply for work-study funds, students must complete the FAFSA. Federal work-study funds are awarded to students with demonstrated financial need (based upon the results of the FAFSA) and indicate interest in the federal work-study program on the FAFSA. Funding for federal work-study is limited.

#### **Florida Work Experience Program (FWEP)**

FWEP funds may be awarded to Florida residents as part of their financial aid package to help meet need; therefore a FAFSA is required to be considered for this award. Since FWEP is a state allocation, funds are limited.

#### **Student Employment**

Jobs are available on campus for students who do not qualify for need-based aid, including international students. Student employment positions (sometimes called institutional employment) is not awarded as part of a student's financial aid package.

UT's downtown location provides many nearby off-campus employment opportunities. Listings of off-campus opportunities are made available by our Career Services Office on Handshake. Students must have a UT email account to login to Handshake.

### *Other Payment Options*

#### **UT Tuition Payment Plan (TPP)**

The University of Tampa offers a convenient Tuition Payment Plan (TPP) to help students pay for their educational expenses with an interest free installment plan. Enrollment in the Tuition Payment Plan is required each semester the student intends to participate. Students may contact the Bursar's Office at 813-253-6202 or visit the Payment Options page on the UT website for more information.

Students can complete the Tuition Payment Plan application in Workday. Select the **Finances** icon, then under the **Student Finances** Tab, select the option to **Sign Up for Payment Plan**.

#### **Florida Prepaid College Program**

Funds paid into the Florida Prepaid College Program can be withdrawn and used for private institutions equal to the value of the prepaid plan(s) at the time of enrollment. The state determines the value of the plan at the beginning of each academic year, typically notifying schools in August.

To access these funds, the account owner must submit a transfer authorization request to Florida Prepaid. Transfer authorizations may be submitted online by the account owner or the beneficiary. Log into your account at [myfloridaprepaid.com](http://myfloridaprepaid.com) to complete the form. The Florida Prepaid Program at: (800) 552-GRAD (4723).

The plan will pay the same rate it pays a public college or university in Florida. However, because private colleges are typically more expensive, your prepaid plan will not cover the total cost.

#### **Veterans Educational Benefits**

The University of Tampa participates in all Veterans Educational Benefits programs, including:

- Post 9/11 GI Bill (CH33) and Yellow Ribbon Program / Fry Scholarship
- Montgomery GI Bill (CH30 - MGIB-AD, MGIB-SR)
- Dependents' Educational Assistance (CH35)
- Vocational Rehabilitation (CH31)

If you are unsure which VA educational benefit program applies to you, please visit the U.S. Department of Veteran Affairs website or call the Veteran Hotline at (888) 442-4551 for further information.

Veterans and Military Educational Benefits programs (including ROTC Scholarships) are not considered estimated financial aid and therefore will never appear as part of your financial aid package. Once funding is received, you will see the credit applied towards your Course and Fees Statement.

Veterans submit their Certificate of Eligibility to the Registrar's Office to determine eligibility.

UT also accepts Tuition Assistance from the U.S. Department of Defense.

#### **Tuition Exchange Program**

UT participates in the national Tuition Exchange Program, which enables dependent students from employee families to attend one of many participating colleges and universities on a reduced-tuition basis. Prospective candidates are encouraged to apply by September of their senior year in high school.

For more information concerning this tuition benefit or procedures to apply for a grant, please contact the Office of Human Resources.

Tuition Exchange benefits are applied as a waiver to reduce tuition charges. Therefore, this benefit is not stackable with other institutional scholarships and grants. Tuition Exchange waivers are generally applied late in the summer (mid-July) preceding the Fall semester, and late in the fall (December) preceding the Spring semester. Your financial aid award will be revised at this time, if necessary. Students are sent notifications of changes to their financial aid award to their UT email address.

#### **Medical Disability Benefits**

Students with medical disabilities may be eligible for financial assistance from the Office of Vocational Rehabilitation or the Bureau of Visual Services.

### **Renewal of Awards**

Unless otherwise stated, all forms of financial aid are generally renewed each year, provided there is satisfactory academic progress and good standing, demonstrated financial need and availability of funds. Some aid programs have specific eligibility requirements for renewal and may be checked at different points in time.

Students must complete the FAFSA each year to receive aid from federal and some state and institutional aid programs. The Financial Aid Office reviews awards for returning students upon receipt of the FAFSA for the upcoming academic year.

Students who experience a significant change in their EFC or ability to pay should discuss their circumstances with their financial aid counselor. See the Special Circumstances section.

The grade point average (GPA) requirements to meet satisfactory academic progress (SAP) for federal and UT financial aid coincide with the University's undergraduate retention standards (see the Regulations on Academic Warning and Dismissal sections in the Academic Policies and Procedures chapter of this catalog).

These requirements are discussed in detail in the following sections.

#### *Satisfactory Academic Progress for Federal Student Aid Programs*

Federal financial aid recipients are reviewed for compliance with the minimum standards of Satisfactory Academic Progress (SAP) at the end of each term in which they enroll. Three criteria are reviewed as part of SAP requirements:

1. Qualitative. This is your cumulative GPA.
2. Quantitative. This is the completion rate; the percentage of attempted coursework that is successfully completed.
3. Maximum Timeframe. Students may attempt a maximum of 150% of the coursework required to complete their degree program.

The following provisions apply to The University of Tampa's standards of satisfactory academic progress for recipients of federal student aid:

1. Credit hours attempted are defined as those credits for which the student is enrolled at the expiration of the tuition refund period.
2. Courses may be repeated. GPA and credits are calculated in accordance with repeat course policies found under the Academic Policies and Procedures section of this catalog. A course for which a student earned credits may be counted toward her/his enrollment status, and the student may be awarded aid for the enrollment status based on inclusion of the class the first time it is repeated. If a student who earns credit for a class once and is repaid for retaking it and fails (earns no credit) the second time, that failure counts as the paid retake, and the student may not be paid for taking the class a third time. If a student receiving federal funds for a repeated course withdraws before completing the course, then it is not counted as the allowed retake for the course. This federal regulation applies even if the school or program policy requires a higher grade for the student to "pass" the course.
3. A grade of "I" (incomplete) is considered unsuccessful, and the attempted credit hours are attributed to the successful completion percentage criterion.
4. Credit hours for course withdrawal ("W") are attributable to the successful percentage completion criterion.
5. Remedial coursework is counted towards both the GPA and completion percentage criteria.
6. Changes in major do not affect the GPA and completion percentage criteria.
7. Students who declare pursuit of a dual degree will have the requirements for both degrees considered in the maximum timeframe criterion.

Students must meet the standards of Satisfactory Academic Progress to receive aid from federal, state and most institutional aid programs. Generally, requirements for renewal of Florida and Institutional aid programs are more stringent than those of federal SAP. Therefore, students who lose their federal aid eligibility due to failure to meet SAP may also lose aid eligibility from other sources.

### **Undergraduate**

### ***Grade Point Average Criteria***

2.0 cumulative GPA or higher

The GPA calculation includes only grades earned at UT.

Successful Completion Percentage Criteria

67% of credits attempted

This percentage is calculated by dividing the total number of credit hours completed by the total number of credit hours attempted. Coursework transferred into UT are included in the number of hours attempted and the number of hours completed.

### ***Maximum Timeframe***

Undergraduate students are ineligible for federal aid once they have attempted 186 credit hours (193 for the Bachelor of Music). Federal regulations do not allow for the exclusion of grades or hours attempted through the University's academic amnesty program.

### **Graduate**

Grade Point Average Criteria

3.0 cumulative GPA or higher

Successful Completion Percentage Criteria

67% of credits attempted

Credit hours attempted are defined as those credits for which the student is enrolled at the expiration of the tuition refund period.

Maximum Timeframe

Graduate students are ineligible after attempting 150% of the credit hours required for normal completion required for their program of study.

### **TEACH Grant**

Students who receive the TEACH Grant must earn a minimum 3.25 cumulative GPA at the end of each term to receive TEACH Grant funding in the next term in which they enroll. A student who scores above the 75th percentile on one or more portions of a college admissions test does not need to meet the minimum GPA criteria for renewal. The student must provide supporting documentation.

### **Notification**

Students not meeting SAP standards for the first time are placed on a financial aid warning status during the next term in which they enroll. A Financial Aid Warning notice is sent to the student. During this warning period, students are eligible to receive aid from most federal aid programs, provided they meet all other eligibility requirements.

At the end of the financial aid warning period, students meeting SAP standards regain full aid eligibility (for most aid programs) in the upcoming term in which they enroll. Students not meeting SAP standards at this time become ineligible for aid in future terms until they are able to meet SAP standards. A Loss of Aid Eligibility notice is sent to affected students.

### **Appeals**

Students on financial aid warning status are not eligible for the appeals process as no federal student aid is lost during this time. Appeals for reinstatement of federal student aid may be approved only if it is mathematically possible to achieve the standards of satisfactory academic progress at the end of the next period of enrollment.

If the failure to meet the minimum SAP requirements is attributable to extenuating circumstances (such as illness or accident), students may appeal the loss of financial aid eligibility. A written appeal must be made to the Financial Aid Office within 30 days of the date of written notice of ineligibility. The appeal must include a description and documentation of the circumstances. Please refer to the notice sent to you regarding loss of aid for more specific information.

Appeals for federal student aid programs (like Pell Grants, SEOG, Direct Loans and work-study) must also address what has changed that will allow you to be able to meet the SAP requirements for reinstatement of your aid at the end of the next semester, and what steps you will take in the upcoming semester to reestablish your financial aid eligibility. Appeals may be granted if it is mathematically possible to meet the standards of SAP at the next term in which you enroll. In cases where it is not mathematically possible, the Director of Financial Aid (or designee) may recommend an Academic Plan.

A successful appeal for federal aid will allow for one semester of financial aid probation during which the student continues to receive aid. At the end of the probationary period, your cumulative academic achievements will be reviewed again, at which time you will be notified of your aid eligibility.

Although many aid programs may be reinstated based on extenuating circumstances, some aid programs are prohibited from reinstatement until the required standards are met and/or a period of time has passed.

#### *Academic Plan*

In cases where Financial Aid Probationary status cannot be granted, the Director of Financial Aid (or designee) may recommend that a student work with the Academic Advising Office to develop an Academic Plan. The Academic Plan will explain the requirements the student must fulfill for degree completion.

Students may continue to receive federal aid funds for as long as they continue to follow the requirements set forth in the Academic Plan. The Director of Financial Aid (or designee) will review students' Academic Plans at the end of each period of enrollment to ensure the Plan is followed until the student meets the SAP standards or degree completion occurs, whichever comes first.

#### *Florida Aid Programs*

Renewal eligibility for most Florida aid programs is checked once annually, at the end of each spring semester.

Conditions of renewal for the Florida EASE Grant (formerly known as FRAG), Florida Student Assistance Grant and FWEP state awards are:

1. Minimum cumulative GPA of 2.0.
2. Minimum of 12 credit hours earned each term or 24 completed hours in the summer (before), fall and spring semesters combined.

#### **Bright Futures Scholarship Program**

The Florida Bright Futures programs require students to earn the minimum number of credits needed for their enrollment status (6 credit hours per term for part time, 9 credit hours for 3/4 time and 12 credit hours for full time). The State offers a Bright Futures Credit Hour Renewal Requirement Interactive Tool to assist students in calculating the minimum number of credits required for renewal.

The state will evaluate GPA and hours earned at the end of the spring semester and post eligibility notifications to each student's online financial aid history screen on the Florida Department of Education, Office of Student Financial Assistance website.

The minimum GPA required to renew the Bright Futures programs (checked annually, at the end of the spring semester) are:

- **Academic Scholars:** 3.0 cumulative GPA. Recipients whose cumulative GPA falls below the 3.0 requirement and remains above a 2.75 will renew as Medallion Scholars. If the GPA is improved above a 3.0 in a subsequent renewal period, the student will restore as an Academic Scholar, using the **one-time restoration** opportunity.
- **Medallion Scholars:** 2.75 cumulative GPA. Students may restore their Bright Futures award for failure to meet the GPA renewal requirement at the end of the Spring term in their first year of funding only. They may use their subsequent summer as their one-time restoration opportunity or they may attempt restoration at a subsequent renewal period (end of Spring term) or summer. Students must follow the appeals process described in this section to request re-evaluation.

Per Florida statutes, students who drop or withdraw from coursework for which they have received funding must repay the University for the unearned hours. Students will not be eligible to receive additional funding through the Bright Futures program until repayment is received. This requirement is checked each term, and must be fulfilled prior to receiving any subsequent Bright Futures disbursements.

The Florida Bright Futures Scholarships provide funding for up to 124 credits towards a bachelor's degree. Students who have not used the full 124 credits of Bright Futures funding towards their bachelor's degree may receive up to 15 credits of funding in their first semester of a graduate program.

#### **Appeals**

Students who do not meet the renewal requirements for Florida aid lose their aid eligibility for the upcoming



academic year. The Financial Aid Office will notify students of the loss of State aid eligibility to your University-issued email address. The Florida Department of Education, Office of Student Financial Assistance will also notify students of loss Bright Futures aid eligibility.

Students may appeal the loss of Florida aid if extenuating circumstances (such as illness or accident) apply. A written appeal must be made to the Financial Aid Office within 30 days of the date of written notice of ineligibility. The appeal must include a description and documentation of the circumstances. Please refer to the notice sent to you regarding loss of aid for more specific information.

A successful appeal for Florida aid will allow a student to receive aid for the upcoming academic year, provided they meet all other eligibility requirements.

If a student's last Bright Futures status was ineligible for not meeting renewal requirements and the student did not receive funding during the previous academic year, the student must submit a Reinstatement/Restoration application to the Florida Department of Education, Office of Student Financial Assistance online at [www.floridastudentfinancialaid.org](http://www.floridastudentfinancialaid.org).

### *Institutional Aid Programs*

8/22/22 Consider changing renewal requirements = FT enrolled + federal SAP standards.

Renewal eligibility for institutional aid programs is checked once annually, at the end of each spring semester.

Student eligibility for University merit-based aid follows more stringent eligibility criteria stipulated at the time of the award, including full-time enrollment and the following minimum cumulative GPA requirements:

- UT Achievement Award 2.3
- UT Alumni Association Specialty Tag Fund 3.0
- UT Alumni Endowed Scholarship 3.0
- UT Art Departmental Scholarship 2.8 and major in a program of study offered by the Art Department
- UT Bonner Leader's Scholarship 3.0 and continued participation in the program
- UT Dean's Merit Scholarship 2.8
- UT English and Writing Departmental Scholarship 2.8 and major in a program of study offered by the English and Writing Department
- UT Film, Animation and New Media Departmental Scholarship 2.8 and major in a program of study offered by the Film, Animation and New Media Department
- UT Gregory Foundation Endowed Scholarship 3.0
- UT International Baccalaureate Scholarship 2.8
- UT International Freshman Merit Scholarship 3.0

- UT International Transfer Merit Scholarship 3.0
- UT Liberian Student Scholarship 3.0
- UT Life Science Scholarship 2.8 and major in a program of study offered by either the Biology or the Chemistry, Biochemistry and Physics Departments
- UT Minaret Merit Scholarship 2.5
- UT Music Departmental Scholarship 2.8 and major in a program of study offered by the Music Department
- UT Musical Theatre, Theatre and Dance Departmental Scholarship 2.8 and major in a program of study offered by the Theatre and Dance Department
- Nursing scholarships (see Nursing Department)
- UT Phi Theta Kappa (PTK) Scholarship 2.8
- UT President's Leadership Fellows Scholarship 3.0
- UT Presidential Merit Scholarship 3.0
- UT Prestige Scholarship 2.0
- UT ROTC Board Grants 2.0
- UT Spartan Merit Scholarship 2.5
- UT Tampa Bay Chapter Alumni Endowed Scholarship 3.0
- UT Technology Scholarship 3.0
- UT Transfer Merit Scholarship 2.8

Departmental scholarships also require continuation in the major and/or participation in the department. Refer to your scholarship award letter or the Financial Aid Renewal page for details.

An undergraduate student is eligible to receive UT financial aid for a maximum of nine semesters. Undergraduate students who transfer to UT are eligible to receive UT aid up to the point of normal degree completion. Normal degree completion for most undergraduates is 124 credits.

### **Appeals**

Students who do not meet the renewal requirements for institutional aid are given one probationary semester to meet the renewal requirements for their aid program. A scholarship probation notice will be sent to students failing to meet renewal requirements. *Students on scholarship probation are not eligible for the appeals process as no aid is lost during this time.*

At the end of the probationary semester, your cumulative academic achievements will be reviewed again. Students who fail to meet eligibility requirements at this time will be sent an email notification regarding the loss of scholarship eligibility.

Students may appeal if extenuating circumstances (such as illness or accident) apply. A written appeal must be made to the Financial Aid Office within 30 days of the date of written notice of ineligibility. The appeal must include a description of the circumstances. Additional documentation will be considered, though

not required. Please refer to the notice sent to you regarding loss of aid for more specific information.

UT scholarships may be reinstated when students meet the eligibility requirements for renewal. Students should contact their financial aid counselor to request reinstatement of their original award when this happens. Awards are reinstated at their original awarded amount, provide all other eligibility requirements are met.

### **Caveat**

This information is accurate as of August 2022. Future federal or state legislation may alter program requirements or University policy. The University of Tampa reserves the right to cancel or amend any portion of financial aid awarded at any time.

# Student Life

Student Affairs at The University of Tampa educates and empowers students to be global citizens through experiential and diverse learning opportunities that reinforce the values of the Spartan Code and enrich the lives of others.

The division of Student Affairs is responsible for many of the services, facilities, programs and activities that enhance the quality of life on campus and students' overall University experience. These include leadership development, fraternity life, residence life, student organizations, wellness programs, campus recreation, health and personal counseling, faith and values, career services and many others.

Participating in campus life ensures a truly enriching campus experience and helps students acquire the skills they need to be Spartan Ready after graduation.

The following links provide an overview of student life experiences:

- Athletics
- Campus Recreation
- Civic Engagement
- Diversity, Equity and Inclusion
- Fraternity & Sorority Life
- Leadership
- Student Organizations
- Wellness

The following links provide an overview of campus services:

- Campus Safety
- Campus Store
- Career Services
- Code of Conduct
- Counseling
- Dining Services
- Fitness and Recreation Center
- Health Center
- Residence Life
- Safety Escorts
- Security Report
- Sykes Chapel and Center for Faith and Values
- Spartan Ready

# Campus Services

## Information Security

Many students bring a number of electronic devices to campus, and may also choose to use computers located in labs and classrooms that are managed by Information Technology and Security. When students are using internet-connected devices, or are on campus networks, it is important to safeguard personal information and devices/systems from vulnerabilities and threats.

Cybercriminals launch automated attacks over the internet. If a student's device gets infected from one of these attacks, personal information can be exposed. All students are encouraged to visit the [Information Technology and Security Tips and Tricks](#) webpage to keep up to date with the latest information security tips.

Access to and usage of UT's technology resources entails certain expectations and responsibilities for users. Please review and comply with UT's Acceptable Use Policy.

### *MyUTampa*

The University of Tampa offers a web portal for students, faculty, and staff to quickly and easily access most of their applications used in day-to-day campus life. MyUTampa is available from computers and is mobile-friendly. This new portal makes accessing UT applications easier and reduces the number of accounts and passwords you have to remember.

To view the most recent list of available applications, MyUTampa Help (FAQs), and support information, visit MyUTampa.

## Communication/Technology Services

### *Post Office*

Full-time undergraduate students are assigned a mailbox. Important University communications are frequently distributed through the UT Post Office, and students are responsible for checking their boxes regularly.

### *To ensure proper mail/package delivery, the address must read:*

The University of Tampa  
First and Last Name  
401 W. Kennedy Blvd.  
UT Box #  
Tampa, FL 33606

**Please DO NOT** use "PO BOX" in the address field, or the USPS will mistakenly deliver your mail to the downtown Tampa Post Office.

Do not send cash in mail or packages. Mail or packages of monetary value should be sent by registered, express or insured mail.

For more detailed information regarding postal services and hours of operation, see [www.ut.edu/postoffice](http://www.ut.edu/postoffice).

### *Workday Student*

Workday is a mobile-friendly, native cloud based student information system. Use Workday to view your schedule, check your academic progress towards earning your degree, view your financial aid, pay your bill, and more. You can view and update personal information, such as your address, designate FERPA, add emergency contact information, and even find your academic advisor.

If you want to find an on campus job, the system can also be used to find and apply to student employment opportunities. Additionally, Workday is used by student employees to enter time worked, view pay information and set up direct deposit. Be sure to download the mobile app to take full advantage of this system.

### *Printing*

Printing is available in campus computer labs. Color and black-and-white printing options are available. Students are provided an allowance of pages to print throughout the semester. Any printing needs above the allowance require the student to add funds to their account at [spartanprint.ut.edu](http://spartanprint.ut.edu). Note, rates vary between color, black-and-white, and duplex printing. For more information, visit [www.ut.edu/technology/labs/printing](http://www.ut.edu/technology/labs/printing).

The University also offers print release stations at various locations on campus. Students are able to remotely send their document(s) to be printed and then at a later time visit a print release station to retrieve their printed documents.

### *Advanced Digital Learning Center*

The Advanced Digital Learning Center (ADLC) provides free, digital-based learning opportunities to all UT students, regardless of major. Training topics span the numerous academic applications at UT, including the learning managements system and applications required to be academically successful. Unique speaker series offerings, preparation for certifications from industry leaders such as Microsoft and Cisco, and hands-on workshops are some of the tools leveraged to help students increase their digital literacy. The center is open to all current UT students.

### *Blackboard*

Blackboard is an online learning management system used to manage coursework collaboration between faculty and students. It can be accessed by going to MyUTampa and clicking on the Blackboard icon. Some things students may expect to see:

- \* course materials,
- \* discussion boards,
- \* supplemental readings,
- \* group communications,
- \* homework submission, and
- \* assignment grades

Note, each instructor sets up their own courses, so not all of these may be present in every course.

### *Student E-mail*

Every student is assigned a UT email address upon enrollment, accessible through your mobile device or MyUTampa. This address should be checked frequently for important information and announcements. Offices use email as an official means to contact students. For more information, contact the ITS Service Desk at (813) 253-6293 or by submitting a Service Desk Ticket. You can log into MyUTampa and click on the Service Desk chicket to submit ticket.

### *Computer Labs*

Computer labs are available throughout the campus. The University offers labs with PC and Mac computers with various software installed on them to support academic work.

Visit [www.ut.edu/technology/labs](http://www.ut.edu/technology/labs) for details on the locations, hours, and software availability.

### *Internet Access*

University of Tampa residence halls have wired and wireless connections to the internet. All UT classrooms, conference rooms, and most public areas are also wireless zones that provide the university community with internet access throughout campus.

## **Technology**

### *SMART Alerts*

To register a cell phone for SMART alerts, logon to MyUTampa, click on Workday and select the "Personal Information". Click Contact Information, Select Edit in the top left hand corner, Click the Pencil Icon under primary phone and update your cell phone information. Ensuring that your mobile phone is your primary phone number will automatically include you in the SMART alerts. Screenshots and instructions are [located here](#).

If you no longer wish to receive SMART alerts, please text STOP from the enrolled device to one of the common short codes, 67283 or 226787.

### *UT Wi-Fi Access*

#### **Students connect to UoT\_Students**

Choose UoT\_Students when logging onto the wireless network on campus. Use your MyUTampa username and password to access the UT Wireless network. Authentication is required the first time you connect, your device may request that you accept the certificate for this network. You will be required to accept this certificate to complete your setup for network access.

#### **Guests of the University connect to UoT\_Guest**

WiFi is available for guests through UoT\_Guest for Internet access only. The guest connection will be a one-click acceptance of our acceptable use policy (AUP), and they will be connected.

### *Access to Your UT Email*

Important campus-wide communications are sent via Student e-mail is available for the UT Students in MyUTampa.

- Helpful Knowledge Base Articles
- Setup eMail on my iPhone
- Setup eMail on my Android Phone

### *Web Printing and Scan to Email*

There are numerous printer locations on campus that will allow you to print (Web Print Release). Please [see this link](#) for more information.

### *SpectrumU Streaming HDTV for Residential Students*

The SpectrumU app in MyUTampa is available for residential students to enjoy enhanced video streaming and on-demand HDTV. SpectrumU lets you watch live TV anytime, anywhere on campus using your phone, tablet, laptop, desktop or Roku® device.

The following devices and OS version numbers are currently supported:

- All major Android™ smartphones and tablets running Android™ 5 or above
- iPhone, iPad or iPod touch running iOS® 11 or above
- Kindle Fire Phone, all Kindle Fire models except for the first generation model
- Mac: Safari 7 or newer, Firefox 45 or newer or Chrome 43 or newer
- PC: IE 11, Chrome 43 or newer, Firefox 45 or newer or MS Edge 12 or newer
- Roku: All second-generation players and TVs

### *Need Assistance Contact our ITS Service Desk*

Launch the Service Desk app in MyUTampa to contact us about any technology issues you might be having or if you are searching for information on your technology resources. Our Service Desk Portal includes:

- Easy to use form for submitting requests and reporting incidents - [Submit a new incident here](#)
- Self-service Knowledge Base – A searchable directory with articles containing tips, tricks, and quick solutions for issues that are most commonly reported to ITS. [Search our knowledge base here](#)
- Phone: 813-253-6293
- Text: 813-730-5030
- Email: [ServiceDesk@ut.edu](mailto:ServiceDesk@ut.edu)
- Chat:

### *File Storage*

University students are allocated space for storing digital files from Microsoft and Dropbox. Please visit these solutions for more information.

Dropbox  
Office 365 including OneDrive

### *Information Disclaimer*

The University of Tampa disclaims any responsibility warranties for information and materials residing on non-University systems or available over publicly accessible networks. Such materials do not necessarily reflect the attitudes, opinions or values of The University of Tampa or its faculty, staff or students.

### *Recommended Computing Standards for UT Students*

#### **Computer Hardware and Software Recommendations**

The most recent recommended computer hardware is available here.

Note, wireless printing to your own printer is not supported.

## The Mission

The University of Tampa is a comprehensive, independent university that delivers challenging and high-quality educational experiences to a diverse group of learners. Four colleges offer more than 200 areas of study through a core curriculum rooted in a liberal arts tradition. Beginning with an innovative first-year student experience, University of Tampa students explore global issues, examine career possibilities, and refine communication and critical thinking skills. Graduate programs in each college, as well as a continuing studies program for adult learners, exemplify the University's commitment to the professions and to the community.

The University's 110-acre residential campus in the heart of downtown Tampa provides an historical and cultural setting for learning both on and off campus. Valuing the community's international heritage, the University attracts students, faculty, and staff from around the world with diverse backgrounds to facilitate intercultural awareness and understanding.

The University is committed to the development of each student to become a productive and responsible citizen. To this end, the University ensures that students balance "learning by thinking" with "learning by doing." Students are taught by highly qualified, experienced faculty members who are committed to teaching, academic advising and continued intellectual growth. Classes are conducted in personalized settings in which learning is enhanced through application. Students participate in learning partnerships with faculty and the community through independent studies, internships, research, and other practical experiences that complement classroom learning. The University's academic services and co-curricular activities support individual discovery and development, and provide leadership opportunities. Involvement and participation inside and outside the classroom are valued. Through complete engagement with the educational environment, UT students are prepared for careers, graduate and professional education, and lifelong learning.

## Accreditation

The University of Tampa is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, master's, and doctoral degrees. Questions about the accreditation of The University of Tampa may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404-679-4500, or by using information available on SACSCOC's website (<https://www.sacscoc.org/>)

Other accreditations include:

- AACSB International - Association to Advance Collegiate Schools of Business: Sykes College of Business
- ABET - Commission of the Accreditation Board for Engineering and Technology: Management Information Systems
- ACJS - Academy of Criminal Justice Sciences: Criminology and Criminal Justice
- ACS - American Chemical Society: Chemistry
- ARC-PA - Accreditation Review Commission on Education for the Physician Assistant: Physician Assistant Medicine (provisional status)
- ASBMB - American Society for Biochemistry and Molecular Biology: Biochemistry
- CAATE - Commission on Accreditation of Athletic Training Education: Athletic Training
- CAEP - Council for Accreditation of Educator Preparation: Teacher Education
- CAPACS - Commission on the Accreditation of Programs in Applied and Clinical Sociology: Sociology
- CCNE - Commission on Collegiate Nursing Education: Nursing
- COSMA - Commission on Sport Management Accreditation: Sport Management
- FEPAC - Forensic Science Education Programs Accreditation Commission: Forensic Science
- NASAD - National Association of Schools of Art and Design: Art, Design, Museum Studies, Animation, Film, New Media Production
- NASM - National Association of Schools of Music: Music, Music Education, Musical Theater

The Florida Department of Education approves UT's education programs.

The Florida State Approving Agency for Veterans' Training recognizes the University for veterans' educational benefits.

The Henry B. Plant Museum is accredited by the American Alliance of Museums.

UT's Actuarial Science program is approved by the Society of Actuaries.

The University is recognized by the International Standards Organization and International Electrotechnical Commission for certifications in the following areas: ISO/IEC 27001:2013 certification in information security, human resources, management of information technology and the Sykes College of Business information security lab (IS 609052); ISO 22301:2012 certification in business continuity management system (BCMS 701112).



# The Register

## The University of Tampa Board of Trustees

This list is current as of August 18, 2022.

**Charlotte Baker** *Chair of the Board of Trustees* The University of Tampa, *CEO* Digital Hands

**Ade Adebisi '81, MBA '83** *Founder & President*, Ascillon Corporation

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**Bobby Harris** *President and CEO*, BlueGrace Logistics

**Misha Hart** *Chair*, Board of Fellows

**Sheilina Henry** *Senior Vice President*, Diversity, Equity, Inclusion & Off-Premises Dining, Bloomin' Brands

**Paul B. Heth '90** *Chairman & CEO*, Patton Ventures, LLC

**Raymond T. Kelly** *Senior Advisor*, New Markets Venture Partners

**James S. MacLeod '70**, *Immediate Past Chair of the Board of Trustees*, The University of Tampa, *Chairman*, CoastalSouth Bancshares, Inc.

**Stephen H. Mauldin '90** *Co-CEO*, CNL Financial Group

**Roy J. McCraw, Jr.** *Chairman and President (Retired)*, Wachovia Bank

**Dirk Montgomery** *CFO & Executive Vice President* of Supply Chain, Fiesta Restaurant Group

**Alan G. Randolph '90** *Director*, Client Advisory Services, O'Connor Rodriguez, CPA

**Lynda Remund** *President and CEO*, Tampa Downtown Partnership

**Benson A. Riseman '78** *President and CEO*, BENSEA Enterprises, LLC

**Bob J. Rohrlack, Jr., CCE, Ph.D.**, *President and CEO*, Tampa Bay Chamber of Commerce

**Douglas C. Rothschild '81** *Executive Managing Director*, Cushman & Wakefield

**Nipesh Shah** *President & CEO*, Anchor Glass Container

**Michael S. Southard '82** *Secretary of the Board of Trustees* The University of Tampa, *Managing Director*, Elvisridge Capital, LLC

**Ronald L. Vaughn, Ph.D.** *President*, The University of Tampa, Max H. Hollingsworth Professor of American Enterprise

**R. Vijayanagar, M.D.** *Medical Director*, Advance Innovative Medicine

**Alexander Walter MB '09** *Owner*, Thundercloud Gun Club, LLC

**Rufus J. Williams III** *Principal*, Cardinal Advisors

**Evan Wojtkowiak**, *Chair*, Board of Counselors

**Karen L. Zederej** *President and CEO*, Axogen, Inc

### *Chair Emeriti*

**Don DeFosset** *Chairman & CEO* DJD Group

**James L. Ferman Jr.** *President & CEO* Ferman Motor Car Company

**Eugene H. McNichols** *Chairman & CEO* McNichols Company

**John H. Sykes '98** *Doctor of Business and Humane Letters (honorary)* *Chairman Emeritus* Sykes Enterprises Incorporated (Retired)

**Rick Thomas '72** *President and CEO* Thomas Financial Group

**John B. West** *CEO* Lion Investments

### *Trustees Emeriti*

**Robert C. Calafell '66, MBA '75** *Senior Vice President* GTE (Verizon), (Retired)

**Stephen F. Dickey, M.D.** *President* Dickey Holdings Inc.

The Honorable Dick A. Greco '56 *Former Mayor* City of Tampa

**A.D. "Sandy" MacKinnon** *CEO* ADM Ventures Inc. (Retired)

**The Honorable Gov. Bob Martinez '57** *Former Governor* State of Florida, *Senior Policy Advisor* Holland & Knight LLP

## The Faculty

The faculty is listed below in alphabetical order. This listing is current as of Aug. 1, 2022. Date in parentheses shows initial appointment at The University of Tampa.

**Arlene Acord**, B.A., J.D. (2014), *Assistant Teaching Professor of Business Law*; B.A., University of California, Berkeley, 1994; J.D., Golden Gate University, 2011.

**Jaime E. Aelavanthara**, BFA, MFA (2017), *Assistant Professor of Art*; BFA, University of Mississippi, 2011; MFA, Louisiana Tech University, 2014.

**Cagdas Agirdas**, B.S., M.A., Ph.D. (2013), *Associate Professor of Economics*; B.S., Bogazici University, Turkey, 2002; M.A., Central Michigan University, 2004; Ph.D., University of Illinois, 2011.

**Claudia X. Aguado Loi**, B.S., MPH, Ph.D. (2016), *Assistant Professor of Health Sciences and Human Performance*; B.S., University of South Florida, 2003; MPH, *ibid.*, 2012; Ph.D. *ibid.*, 2014.

**Elsayed Ahmed**, B.S., M.A., Ph.D. (2020) *Assistant Teaching Professor of Mathematics*; B.S., Mansoura University, Egypt, 2012; M.A., University of South Florida, 2016; Ph.D., *ibid.*, 2018.

**Muhammad Al-Abdulla**, B.S., M.S., Ph.D. (2020) *Assistant Professor of Information and Technology Management*; B.S., Yarmouk University, Jordan, 2006; M.S., University of Salford, United Kingdom, 2007; Ph.D., Virginia Commonwealth University, 2015. **Kostas Alexiou**, B.S., MBA, Ph.D. (2018), *Assistant Professor of Entrepreneurship*; B.S., Ohio University, 2007; MBA, University of Denver, 2012; Ph.D., Kent State University, 2017.

**Elio Alfonso**, BBA, M.Acc., Ph.D. (2018) *Assistant Professor of Accounting*; BBA, Florida International University, 2001; M.Acc., Nova Southeastern University, 2008; Ph.D., Louisiana State University, 2013.

**Farouq Alhourani**, B.S., M.S., M.S., Ph.D. (2006), *Professor of Information and Technology Management*; B.S., University of Engineering and Technology, Pakistan, 1997; M.S., Jordan University of Science and Technology, Jordan, 2000; M.S., University of Wisconsin-Milwaukee, 2003; Ph.D., *ibid.*, 2004.

**Maryam Aljahani**, B.S., MBA, M.A., Ph.D. (2021), *Assistant Teaching Professor in Economics*; B.S., King Abdul Aziz University, 2002; MBA, Lawrence Technological University, 2007; M.A., Wayne State University, 2012; Ph.D., Florida International University, 2021.

**Gina Almerico**, B.A., M.Ed., Ph.D. (1997), *Professor of Education*; B.A., University of South Florida, 1977; M.Ed., University of Florida, 1983; Ph.D., *ibid.*, 1987.

**Jody Carl "J.C." Andersen**, B.S., M.S., Ph.D. (2003), *Associate Professor of Health Sciences and Human Performance*; B.S., Mankato State University, 1985; M.S., Texas Woman's University, 1987; Ph.D., Ohio University, 1992.

**Colin Anderson**, B.A., M.A., J.D. (2022), *Assistant Teaching Professor in Law, Justice and Advocacy*; B.A., Boston College, 2009; M.A., New York University, 2013; J.D., University of Pennsylvania Law School, 2016.

**Mary R. Anderson**, B.A., M.A., M.S., Ph.D. (2008), *Professor of Political Science and International Studies*; B.A., University of Central Florida, 1994; M.A., *ibid.*, 1996; M.S., Florida State University, 2003; Ph.D., *ibid.*, 2005.

**Lori Andrews**, B.A., M.A. (2021) *Visiting Assistant Professor of English and Writing*; B.A., University of the Pacific, 1984; M.A., Southern Connecticut State University, 1996.

**Angela Angeleska**, B.S., M.A., Ph.D. (2009), *Associate Professor of Mathematics*; B.S., University of St. Cyril and Methodius, Macedonia, 2002; M.A., University of South Florida, 2005; Ph.D., *ibid.*, 2009.

**Khursed Ansari**, B.A., M.A., M.A. (2021), *Visiting Assistant Professor of Mathematics*; B.A., Tribhuvan University, 2009; M.A., *ibid.*, 2012; M.A., University of Toledo, 2020.

**Ronald D. Arbisi**, B.A., B.S., M.A. (2022), *Visiting Assistant Professor of History*; B.A., University of South Florida, 2010; B.S., *ibid.*, 2010; M.A., *ibid.*, 2013.

**Marcus Arvan**, B.A., Ph.D., Ph.D. (2009), *Associate Professor of Philosophy*; B.A., Tufts University, 1998; Ph.D., Syracuse University, 2001; Ph.D., The University of Arizona, 2008.

**Ghislaine Celine Atkins**, B.S., M.A. (2021), *Visiting Assistant Professor of Psychology*; B.S., University of Central Florida, 2011; M.A., San Francisco State University, 2015.

**James M. Aubry**, B.A., M.A. (2007), *Associate Professor of Languages*; B.A., Université du Havre, France, 1998; M.A., University of South Florida, 2001.

**Rebecca Baaske**, B.A., MAC, Ph.D. (2021) *Assistant Professor of Accounting*; B.A., North Central College, 2012; MAC, DePaul University, 2014; Ph.D., University of South Florida, 2021.

**Taoufik Bahadi**, A.A., B.S., M.S. (2014), *Lecturer II in Mathematics*; A.A., University Mohammed V, Morocco, 1987; B.S., *ibid.*, 1989; M.S., University Paul Sabatier, France, 1991.

**Robin Bairley**, B.S., Ph.D. (2021), *Visiting Assistant Professor of Biology*; B.S., U.S. Military Academy of West Point, 2004; Ph.D., Vanderbilt University, 2011.

**Michael Baker**, B.S., MBA (2019), *Lecturer I in Accounting*; B.S., University of Virginia, 1988; MBA, *ibid.*, 1994.

**C. Eric Ballard**, B.S., Ph.D. (2004), *Associate Professor of Chemistry*; B.S., University of Kentucky, 1995; Ph.D., North Carolina State University, 2003.

**Robert L. Bassford**, B.A., MBA (2016), *Lecturer I, Management*; B.A., Wichita State University, 1991; MBA, *ibid.*, 1996.

**Kevin S. Beach**, B.S., Ph.D. (1997), *Dana Professor of Biology*; B.S., University of New Hampshire, 1990; Ph.D., University of Hawaii at Manoa, 1996.

**Marca Marie Bear**, B.S., M.A., Ph.D. (2000), *Associate Professor of Management*; B.S., The Ohio State University, 1989; M.A., *ibid.*, 1990; Ph.D., *ibid.*, 1992.

**Mora Beauchamp-Byrd**, B.A., M.A., Ph.D. (2020), *Visiting Assistant Professor of Art and Design*; B.A., New

York University, 1990; M.A., *ibid.*, 1998; M.A., Columbia University, 1999; Ph.D., Duke University, 2011.

**Colleen Beaudoin**, B.S., M.Ed. (2010), *Lecturer II in Mathematics*; B.S., University of South Florida, 1988; M.Ed., The University of Tampa, 2010.

**Allison Beck**, B.S., M.Acc., Ph.D. (2019), *Assistant Professor of Accounting*; B.S., University of Illinois, 2004; M.Acc., Auburn University, 2006; Ph.D., The University of Tennessee.

**Robert L. Beekman**, B.S., Ph.D. (2003), *Associate Professor of Economics*; B.S., University of Florida, 1987; Ph.D., University of South Carolina, 1998.

**Gary S. Beemer**, B.S., BBA, MBA (2017), *Lecturer I in Marketing*; B.S., Florida Southern College, 1990; BBA, *ibid.*, 1990; MBA, The University of Tampa, 1995.

**Celina Bellanceau**, B.S., M.S. (2020), *Lecturer I in Biology*; B.S., University of South Florida, 2001; M.S., *ibid.*, 2007.

**Marisa Belote**, B.S., MBA, Ph.D. (2018), *Associate Professor of Physician Assistant Medicine*; B.S., University of Florida, 1980; MBA, University of South Florida, 1990; Ph.D., *ibid.*, 2015. **Susan Berg**, BSN, MSN, DNP (2017), *Associate Professor of Nursing*; BSN, University of Missouri, 1998; MSN, Southwest Missouri State University, 2002; DNP, *ibid.*, 2009.

**Mark Bender**, B.A., M.A., Ph.D. (2022) *Assistant Professor of Marketing*; B.A., Washington and Jefferson College, 2009; M.A., University of Pittsburgh, 2011; Ph.D. *ibid.*, 2016.

**Steven Berry**, B.A., MFA (2020), *Visiting Assistant Professor of English and Writing*; B.A., University of Florida, 2009; MFA, The University of Tampa, 2017.

**Angela Bianco**, B.S., M.S. (2022), *Lecturer I of Cybersecurity*; B.S., University of Maryland, 2013; M.S., University of South Florida, 2018.

**Bradford A. Blackburn**, B.M., M.M., DMA (2008), *Associate Professor of Music*; B.M., State University of New York at Fredonia, 1996; M.M., University of Miami, 1998; DMA, University of Illinois at Urbana-Champaign, 2006.

**Garfield O. Blake**, B.S., M.S., Ph.D. (2016), *Associate Professor of Economics*; B.S., University of the West Indies at Mona, Jamaica, 2001; M.S., *ibid.*, 2003; Ph.D., Binghamton University, State University of New York, 2010.

**Abigail Hall Blanco**, B.A., M.A., Ph.D. (2015), *Associate Professor of Economics*; B.A., Bellarmine University, 2011; M.A., George Mason University, 2013; Ph.D., *ibid.*, 2015.

**Jennifer Blessing**, B.A., M.A., Ph.D. (2019), *Assistant Professor of Psychology*; B.A., Wake Forest University, 1992; M.A., *ibid.*, 1994; Ph.D., University of Florida, 1998.

**Stephen B. Blessing**, B.S., M.S., Ph.D. (2004), *Professor of Psychology*; B.S., University of Illinois at Urbana-Champaign, 1992; M.S., Carnegie Mellon University, 1994; Ph.D., *ibid.*, 1996.

**Heidi Borgeas**, B.S., M.S. (2019), *Lecturer II in Health Sciences and Human Performance*; B.S., University of Arizona, 1994; M.S., University of Hawaii, 1998.

**Karla Borja**, B.A., M.A., M.A., Ph.D. (2005), *Associate Professor of Economics*; B.A., Central America University, El Salvador, 1993; M.A., Technological Institute of Mexico, Mexico, 1998; M.A., Claremont Graduate University, 2002; Ph.D., *ibid.*, 2005.

**Lisa N. Bostick**, B.S., MPA, DBA (2001), *Associate Professor of Accounting*; B.S., Southeastern Louisiana University, 1980; MPA, Louisiana Tech University, 1998; DBA, *ibid.*, 2001.

**Carol A. Botwinski**, B.S., MSN, Ed.D. (2006), *Associate Professor of Nursing*; B.S., University of Saint Francis, 1997; MSN, State University of New York at Stony Brook, 1999; Ed.D., Nova Southeastern University, 2005.

**Chris Boulton**, B.A., M.A., Ph.D. (2012), *Associate Professor of Communication*; B.A., Macalester College, 1996; M.A., University of Massachusetts Amherst, 2007; Ph.D., *ibid.*, 2012.

**Amber Jasmine Brace**, B.S., Ph.D. (2020), *Assistant Teaching Professor of Biology*; B.S., University of South Florida, 2010; Ph.D., *ibid.*, 2016.

**Leila Brammer**, B.A., M.A., Ph.D. (2022), *Assistant Teaching Professor of Communication*; B.A., Northern State University, 1988; M.A., Northern Illinois University, 1990; Ph.D. University of Minnesota, 1995.

**Kathryn A. Branch**, B.A., M.A., Ph.D. (2006), *Professor of Criminology*; B.A., University of South Florida, 1998; M.A., *ibid.*, 1999; Ph.D., *ibid.*, 2005.

**Stephanie R. Branham**, B.S., M.A. (2013), *Lecturer II in Mathematics*; B.S., The University of Tampa, 2010; M.A., University of South Florida, 2012.

**Gregory Brennen**, B.A., M.A., M.S., Ph.D. (2022), *Assistant Teaching Professor of English and Writing*; B.A., Franklin & Marshall College, 2011; M.A., University of Exeter, 2012; M.S., Northwestern University, 2013; Ph.D., Duke University, 2021.

**Rhissa Briones Robinson**, B.S., M.A., Ph.D. (2020), *Assistant Professor*; B.S., Virginia Polytechnic Institute, 1998; M.A., University of South Florida, 2009; Ph.D., *ibid.*, 2018.

**Michael J. Bronikowski**, B.S., Ph.D. (2017), *Assistant Professor of Chemistry*; B.S., California Institute of Technology, 1986; Ph.D., Stanford University, 1992.

**Aaron Brown**, B.S., Ph.D. (2019), *Assistant Teaching Professor of Biology*; B.S., The University of Tampa, 2006; Ph.D., University of South Florida, 2017.

**Lacey Brown**, B.A., M.A., Ph.D. (2019) *Professor of Instruction I in Speech*; B.A., Florida Southern College, 2010; M.A., University of West Florida, 2013; Ph.D., Southern Illinois University, 2019.

**Amy L. Brownlee**, B.S., MBA, Ph.D. (2009), *Associate Professor of Management*; B.S., University of Florida, 1990; MBA, *ibid.*, 1995; Ph.D., *ibid.*, 1999.

**June S. Bryant**, B.S., MSN, DNP (2019), *Assistant Professor of Nursing*; B.S., University of South Florida, 2010; MSN, *ibid.*, 2012; DNP, *ibid.*, 2016.

**Lonnie Bryant**, B.S., MBA, Ph.D. (2010), *Professor of Finance*; B.S., Florida A&M University–Florida State University College of Engineering, 1998; MBA, The University of North Carolina at Chapel Hill and Escuela

Superior de Administración y Dirección de Empresas (ESADE), Spain, 2002; Ph.D., University of South Florida, 2008.

**Stephane Bucaille**, Di Eng., M.S., Ph.D. (2018), *Assistant Teaching Professor of Information and Technology Management*; Di Eng., Ecole Nationale Supérieure des Ingenieurs Electriciens de Grenoble, France, 2001; M.S., Johns Hopkins University, 2002; Ph.D., *ibid.*, 2004.

**Gregory Burns**, B.A., B.S., MMS, DHSc (2017), *Associate Professor of Physician Assistant Medicine*; B.A., University of North Florida, 1997; B.S., Nova Southeastern University, 2005; MMS, Nova Southeastern University, 2005; DHSc, A.T. Still University, 2016.

**Samantha Burns**, BFA, MFA (2019), *Visiting Assistant Professor of Art and Design*; BFA, The University of Tampa, 2011; MFA, Florida State University, 2014.

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\***Clarence M. Pruitt**, A.B., M.A., Ph.D. (1954-1965), *Professor of Geography, Emeritus*; A.B., Indiana University, 1919; M.A., *ibid.*, 1925; Ph.D., Columbia University, 1935.

\***Federico (Fred) Punzo**, B.S., Ph.D. (1981-2008), *Dana Professor of Biology, Emeritus*; B.S., St. Francis College, 1968; Ph.D., Loyola University, 1975.

\***Clyde Theodore Reed**, A.B., M.S. (1944-1962), *Associate Professor of Biology, Emeritus*; A.B., Campbell College, 1914; M.S., Washington College, 1918; M.S., Cornell University, 1937.

\***Marce Clinton Rhodes**, B.S., M.A., Ph.D., D.Sc. (1937-1961), *Professor of Mathematics, Emeritus*; B.S., Mississippi Southern College, 1923; M.A., George Peabody College for Teachers, 1927; Ph.D., *ibid.*, 1930; Ph.D., *ibid.*; Sc.D., The University of Tampa, 1954.

**Stanley A. Rice**, B.S., M.A., Ph.D. (1984-2018), *Professor of Biology*; B.S., California State University, Long Beach, 1973; M.A., *ibid.*, 1975; Ph.D., University of South Florida, 1978.

\***Everett D. Richards**, B.S., M.S., MBA (1975-1992), *Associate Professor of Management, Emeritus*; B.S., United States Military Academy, 1952; M.S., University of Virginia, 1959; MBA, The University of Tampa, 1974.

\***George Lawrence Roberts Jr.**, B.S., M.Ed. (1948-1981), *Professor of Economics, Emeritus*; B.S., Boston University, 1942; M.E., *ibid.*, 1948.

\***Alice Rodriguez**, B.S., MPH, Ed.D. (1960-1994), *Professor of Physical Education, Emerita*; B.S., The University of Tampa, 1952; MPH, University of Florida, 1956; Ed.D., University of Alabama, 1972.

\***Nancy C. Ross**, BSN, M.N., Ph.D. (1983-2013), *Dana Professor of Nursing, Emerita*; BSN, University of Florida, 1963; M.N., *ibid.*, 1969; Ph.D., University of South Florida, 1991.

\***Gloria Cecile Runton**, B.A., M.A. (1954-1993), *Librarian Emerita*; B.A., The University of Tampa, 1944; M.A., Florida State University, 1959.

\***Constance B. Rynder**, B.A., M.A., Ph.D. (1972-2011), *Professor of History, Emerita*; B.A., The University of Toledo, 1967; M.A., University of Nebraska, 1970; Ph.D., *ibid.*, 1973.

**Mary Jane Schenck**, B.A., M.A., Ph.D. (1977-2014), *Professor of English, Emerita*; B.A., Eckerd College, 1966; M.A., The University of North Carolina at Chapel Hill, 1969; Ph.D., The Pennsylvania State University, 1973.

**Raymond A. Schlueter**, B.S., M.A., Ph.D. (1975-2012), *Associate Professor of Biology, Emeritus*; B.S., University of Illinois, 1965; M.A., Southern Illinois University, 1970; Ph.D., Indiana State University, 1975.

**Joseph Sclafani**, B.A., M.A., Ph.D. (1987-2018), *Professor of Psychology, Emeritus*; B.A., University of South Florida, 1977; M.A., *ibid.*, 1981; Ph.D., *ibid.*, 1984.

\***Elyse G. Sheppard, A.B.**, M.A. (1946-1976), *Associate Professor of Mathematics, Emerita*; A.B., Florida State University, 1930; M.A., University of Michigan, 1946.

\***Herman H. Siemers**, A.B., M.S. (1968-1975), *Professor of Physics, Emeritus*; A.B., Northern Iowa University, 1925; M.A., University of Michigan, 1941.

\***Helene Silverman**, B.A., M.A., Ph.D. (1981-2007), *Professor of Education, Emerita*; B.A., The City College of New York, 1965; M.A., *ibid.*, 1968; Ph.D., University of South Florida, 1977.

\***Wayne L. Smith**, B.S., MST, Ph.D. (1972-1993), *Professor of Biology, Emeritus*; B.S., Michigan State University, 1959; MST, University of Montana, 1964; Ph.D., Michigan State University, 1972.

\***Stephen Louis Speronis**, B.A., M.A., Ph.D. (1956-1981), *Professor of History & Political Science, Emeritus*; B.A., Boston University, 1947; M.A., *ibid.*, 1948; Ph.D., University of Michigan, 1956.

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**Kevin W. Sweeney**, B.A., Ph.D. (1986-2015), *Professor of Philosophy, Emeritus*; B.A., American University, 1968; Ph.D., University of Wisconsin-Madison, 1977.

**Susan M. Taylor**, B.A., M.A., Ph.D. (1990-2012), *Associate Professor of Languages and Linguistics, Emerita*; B.A., University of South Florida, 1970; M.A., *ibid.*, 1977; Ph.D., University of Michigan, 1986.

**Joe Testa-Secca**, B.S., MFA (1965-1994), *Dana Professor of Art, Emeritus*; B.S., The University of Tampa, 1950; MFA, University of Georgia, 1956.

\***Francis John Thompson**, A.B., M.A., Ph.D. (1955-1976), *Professor of English, Emeritus*; A.B., Columbia College, New York, 1930; M.A., Columbia University, 1931; Ph.D., New York University, 1941.

**Albert H. Tillson**, B.A., M.A., Ph.D. (1986-2017), *Professor of History, Emeritus*; B.A., University of Virginia, 1971; M.A., Johns Hopkins University, 1974; Ph.D., The University of Texas at Austin, 1986.

**Emilio Toro**, B.A., M.A., Ph.D. (1984-2020), *Associate Professor of Mathematics, Emeritus*; B.A., Universidad de Los Andes, Colombia, 1969; M.A., University of South Florida, 1974; Ph.D. *ibid.*, 1976.

**Jeffrey L. Traster**, BME, M.M., DMA (1996-2015), *Professor of Music, Emeritus*; BME, Baylor University, 1979; M.M., University of Colorado, 1981; DMA, The University of Texas at Austin, 1989.

**Michael H. Truscott**, B.A., MBA, Ph.D. (1971-2012), *Dana Professor of Economics, Emeritus*; B.A., Southwestern at Memphis, 1962; MBA, Memphis State University, 1966; Ph.D., Louisiana State University, 1971.

**Kathryn VanSpanckeren**, B.A., M.A., M.A., Ph.D. (1982-2014), *Professor of English, Emerita*; B.A., University of California, Berkeley, 1967; M.A., Brandeis University, 1968; M.A., Harvard University, 1969; Ph.D., *ibid.*, 1976.

**Eric Vlahov**, B.A., M.A., Ph.D. (1977-2022), *Professor of Health Sciences and Human Performance, Emeritus*; B.A., Duke University, 1970; M.A., University of Maryland, 1974; Ph.D., *ibid.*, 1977.

\***Louis Alvarez Nava Y Vega**, A.B., B.S., D.H. (1931-1961), *Associate Professor of Spanish, Emeritus*; A.B., University of Oviedo, Spain, 1908; B.S., Ecole de Chimie, France, 1911; D.H., The University of Tampa, 1957.

\***Charles R. Walker Jr.**, B.A., B.S., B.S.Ed., M.A., M.S., Ph.D., Sc.D. (1956-1983), *Professor of Biology, Emeritus*; B.A., Marshall College, 1942; B.S., Union College, 1943; B.S.Ed., *ibid.*, 1943; M.A., West Virginia University, 1944; M.S., University of Kentucky, 1946; Ph.D., *ibid.*, 1948; Sc.D., Union College, 1967.

**Judith Washburn**, BSBA, MBA, Ph.D. (2003-2016), *Professor of Marketing, Emerita*; B.S., B.A., Drake University, 1976; MBA, Southern Illinois University Edwardsville, 1989; Ph.D., Saint Louis University, 1999.

**Mary Anne Watson**, B.A., MBA, Ph.D. (1986-2016), *Professor of Management, Emerita*; B.A., Wake Forest University, 1970; MBA, University of South Carolina, 1979; Ph.D., *ibid.*, 1988.

\***Robert Eugene Wean**, B.S., Ph.D. (1956-1971), *Professor of Biology, Emeritus*; B.S., Purdue University, 1929; Ph.D., University of Pennsylvania, 1936.

**Harold Webb**, B.S., MBA, Ph.D., (2003-2017), *Associate Professor of Information and Technology Management, Emeritus*; B.S., The University of Alabama, 1977; MBA, Texas Tech University, 1992; Ph.D., *ibid.*, 1999.

### *Distinguished University Professor*

**Michael J. Mendelsohn**, B.A., M.A., Ph.D. (1972-2012), *Professor of English, Emeritus*; B.A., University of Pittsburgh, 1951; M.A., Trinity University, 1954; Ph.D., University of Colorado, 1962.

### *Librarians*

**David Davisson**, B.A., M.A., M.A. (2010), *Assistant Librarian*; B.A., University of Oklahoma, 2005; M.A., University of South Florida, 2008; M.A., *ibid.*, 2010.

**Alisha Miles**, B.A., M.S. (2022), *Librarian*; B.A., Columbus State University, 2004; M.S., Florida State University, 2008.

**Laura Rounds**, B.A., M.A. (2005), *Assistant Librarian*; B.A., University of Florida, 1988; M.A., University of South Florida, 1991.

**Shannon Spencer**, B.A., MSA, MLIS (2007), *Assistant Librarian*; B.A., University of Wisconsin, 1990; MSA, Florida State University, 1994; MLIS, University of South Florida, 2006.

**Leslie Vega**, BFA, M.A., MSLIS (2009), *Assistant Librarian*; BFA, Carnegie Mellon University, 2004; M.A., Pratt Institute, 2009; MSLIS, *ibid.*, 2009.

**Jeanne S. Vince**, B.A., MLS (1992), *Associate Librarian*; B.A., University of Minnesota, 1970; MLS, University of North London, United Kingdom, 1979.

### *Librarian Emerita*

**Arthur E. Bagley**, B.A., MLS (1987-2018), *Associate Librarian Emeritus*; B.A., Florida State University, 1974; MLS, *ibid.*, 1986.

**Elizabeth L. Barron**, B.A., MSLS (1994-2022), *Associate Librarian, Emerita*; B.A., University of Florida, 1979; MSLS, The University of North Carolina at Chapel Hill, 1988.

**Marlyn R. Pethe**, B.A., M.A. (1972-2022), *Librarian, Emerita*; B.A., Stetson University, 1969; M.A., University of South Florida, 1972.

\***Gloria C. Runton**, B.A., M.A. (1954-1993), *Librarian Emerita*; B.A., The University of Tampa, 1944; M.A., Florida State University, 1959.

\***Charlotte Anne Thompson**, A.B., A.B., M.S., M.S. (1933-1977), *Librarian Emerita*; A.B., University of Michigan, 1931; A.B., *ibid.*, 1932; M.S., *ibid.*, 1932; M.S., Columbia University, 1955.

**Michael E. Wells**, B.A., MLS (1986-2019), *Associate Librarian Emeritus*; B.A., University of South Florida, 1984; MLS, *ibid.*, 1985.

\*Deceased

### *Military Science*

**Scott Greco**, B.S., MBA (2015), *Director of Army ROTC, Professor of Military Science*; B.S., United States Military Academy at West Point, 1999; MBA, University of Washington, 2009.

**Angel Maldonado**, B.S. (2011), *Assistant Professor of Military Science*; B.S., Columbia College, 2004.

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Associate Dean of the Sykes College of Business Natasha Veltri, Ph.D.

Dean of the College of Arts and Letters David Gudelunas, Ph.D.

Assistant Dean of the College of Arts and Letters Michael Staczar, MFA

Dean of the College of Natural and Health Sciences Paul Greenwood, Ph.D.

Assistant Dean of the College of Natural and Health Sciences Ronda Sturgill, Ph.D.

Dean of the College of Social Sciences, Mathematics and Education Jack M. Geller, Ph.D.

Assistant Dean of the College of Social Sciences, Mathematics and Education Kathryn Branch, Ph.D.

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Assistant Vice President of Budget, Administration and Finance Adam Rice, MBA

Bursar Jeanne K. Gregory, B.S.

Assistant Vice President of Financial Management Marshall Phillips, M.Acc., CPA, CMA, CIA

Comptroller, Disbursements Sonia L. Romero, B.S.

Director of Design and Construction Scott Gossen, A.I.A., NCARB

Senior Project Manager of Design and Construction Lisa Brachna, M.S.C.M., B.S.C.E.

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Assistant Vice President for Development and University Relations Schezy Barbas, M.A.

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Director of Advancement Services Dawn M. Duet, B.A.

Director of Alumni Relations Melissa Bryson, B.A.

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Senior Development Officer Planned Giving Mike Kennedy, B.A., CTFA

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Director of Volunteer Engagement Tiffany Garcia, M.A.

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Assistant Director of Human Resources Sheila Davis, B.A., SPHR

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*Director of Student Care and Advocacy* Debra Tritt, M.A.

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*Director of Intercollegiate Athletics* Larry J. Marfise, M.S., M.A.

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*Assistant Athletic Director for Athletic Communication* Thomas R. Kolbe, M.A.

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You can set your browser to refuse all or some browser cookies, or to alert you when websites set or access cookies. If you disable or refuse cookies, please note that some parts of this website may become inaccessible or not function properly.

Under certain circumstances, you have rights under data protection laws in relation to your personal data. You have the right to:

- **Request access** to your personal data (commonly known as a "data subject access request").
- **Request correction** of the personal data that we hold about you.
- **Request erasure** of your personal data.
- **Object to processing** of your personal data where we are relying on a legitimate interest (or those of a third party) and there is something about your particular situation which makes you want to object to processing on this ground as you feel it impacts on your fundamental rights and freedoms.
- Request restriction of processing of your personal data.
- **Request the transfer** of your personal data to you or to a third party.
- **Withdraw consent at any time** where we are relying on consent to process your personal data. However, this will not affect the lawfulness of any processing carried out before you withdraw your consent.

If you wish to exercise any of the rights set out above, please contact [publicinfo@ut.edu](mailto:publicinfo@ut.edu).

If you have questions about or need further information concerning the legal basis on which UT collects and uses your personal information, please contact [publicinfo@ut.edu](mailto:publicinfo@ut.edu).

Correcting/Updating Personal Information and Questions

Questions regarding UT's privacy statement, practices and web standards; reports of UT website issues; or corrections, updates or removal of any personal information you have provided to us can be directed to the Office of Public Information and Publications at (813) 253-6232 or [publicinfo@ut.edu](mailto:publicinfo@ut.edu). Questions regarding UT's data security practices can be directed to the CIO/CISO at [utcio@ut.edu](mailto:utcio@ut.edu).

### Changes to This Notice

We may change this Privacy Notice occasionally, at our discretion. If we make any changes, we will notify you by revising the "Last Updated" date at the top of this Privacy Notice and, in some cases, we may provide you with additional notice (such as adding a statement to our homepage or sending you an email notification). If there are material changes to this Privacy Notice, we will notify you more directly by email or means of a notice on the home page prior to the change becoming effective. We encourage you to review our Privacy Notice whenever you access the University online to stay informed about our information practices and the ways you can help protect your privacy.

### Force Majeure

While we make every effort to anticipate local and national developments and adapt as appropriate to continue delivering educational services for our students, there may be situations where, for the health, safety, and/or wellbeing of our community and/or for other reasons as determined by the University in its discretion, we will be required to make changes to methods, location, and timing of instruction, delivery of and access to services, student life activities and opportunities, course content and instructors, etc., including possibly implementing a full or partial campus and/or housing closure, suspension or delay of classes, activities, dining and other services, and/or switching from in-person, on-campus learning and delivery of services and activities to distance or remote learning and delivery of remote services and activities.

By signing up for classes or otherwise enrolling in or attending classes offered by the University, you understand and agree that all such changes implemented by the University may take place to the extent the University determines such changes are necessary for the health, safety, or wellbeing of members of the University community or due to other circumstances identified by the University, including those outside the University's control (such as, but not limited to, acts of God, natural disasters, hurricanes, storms, fires, infectious diseases, pandemics, strikes or labor disputes, power outages, and physical or structural dangers). You further understand and agree that the University does not in any way guarantee in-person, on-campus education, activities, opportunities, or services or any other particular format, timing, or location of education, activities, opportunities, or services. Finally, except as otherwise set forth in the University's refund policy relating to withdrawals and the process and timing of such withdrawals, you understand and agree you are responsible for all tuition and fees, including housing, dining, and other fees, regardless of the timing, location, and format in which education, services, and activities are provided (to the extent any specific services or activities are provided at all), and understand and agree that no refunds, reductions, or credits for tuition, fees, or other expenses (including dining and housing fees) will be provided in the event the University implements

changes as necessitated by Acts of God, University and shared governance or academic decisions, and/or any situations outside of the University's control, including any changes from in-person, on-campus education, services and/or activities to remote services, activities, and/or remote learning.

Any decision by the University to provide a refund or credit, in whole or in part, of any fee or other charge in the event of a campus closure, suspension, or other change to the delivery format of education, activities, housing, dining, and/or services shall be in the University's discretion and shall not create an expectancy that any individual is legally entitled to such refund or credit or that it will be provided in any other instance.

University policies are intended to describe some of the expectations of members of the University community, as well as outline the University's community policies and programs. It is intended to be used as a guideline and does not create an express or implied contract which cannot be changed or modified. Circumstances not specifically addressed in University policies will be handled on a case-by-case basis by the appropriate official selected by the University. As the need may arise, the University reserves the right to, in its sole discretion, modify, revise, supplement, rescind, suspend, terminate, or change its policies, procedures, programs, activities and services, in whole or in part, to the fullest extent permitted by law. By enrolling in or attending classes offered by the University, you are deemed to agree to these terms.

# Appendix

## The Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) of 1974 is a set of federal regulations that state (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students must be made available. The regulations provide that the institution will maintain the confidentiality of student education records. The University defines a student as a person who is or has been in attendance. A student is considered to be “in attendance” on the first day of classes or the date in which the student takes occupancy in a University residence, whichever is earlier.

The University accords all the rights under FERPA to students who are declared “independent.” No one outside the institution shall have access to, nor will the institution disclose any information from, students’ education records without the written consent of students, except to personnel within the institution, to officials of other institutions in which students seek to enroll, to persons acting as an official agent of the University to perform contracted functions on behalf of UT, to persons or organizations providing students with financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. All these exceptions are permitted under the Act. In the event of a health or safety emergency, the University will determine whether proxy may be granted to either the named individual that the student designated on their FERPA release form, or to the student’s emergency contact. When proxy is granted, that individual may conduct university business on the student’s behalf or access the student’s records.

The University may, upon request, disclose any information to parents of students who are “dependent” as defined by the Internal Revenue Code of 1954, Section 152.

Within the University community, only those members, individually or collectively, with legitimate educational interest are allowed access to student education records. Legitimate educational interest is when one has a need to access student education records for the purpose of performing an assigned educational, research or administrative function for the institution. These members include personnel in the Registrar’s Office, Admissions, Student Affairs, the Athletic Department, Financial Aid, Safety and Security, the library and academic personnel within the limitations of their need to know.

Upon request, the University discloses educational records without consent to officials of another school in which a student seeks or intends to enroll.

At its discretion, the University may provide directory information in accordance with the provisions of the Act to include the following:

- student name
- address
- telephone number
- photograph
- email address
- date and place of birth
- major or field of study
- dates of attendance
- enrollment status
- degrees and awards received
- the most recent previous educational agency or institution attended by the student
- participation in officially recognized activities and sports
- weight and height of members of athletic teams.

Students may elect to have directory information withheld by notifying the registrar in writing within five days after the first day of class for the fall semester.

Requests for nondisclosure will be honored by the institution for only one academic year; therefore, authorization to withhold directory information must be filed annually, during the first week of the fall semester, in the Registrar’s Office. Authorization to withhold directory information filed in the student’s senior year will remain upon graduation unless the student notifies the Registrar’s Office in writing to release the hold.

FERPA provides students with the right to inspect and review information contained in their education records, to challenge the contents of their education records, to have a hearing if the outcome of the challenge is unsatisfactory and to submit explanatory statements for inclusion in their files if they find the decisions of the hearing panels unacceptable. The Registrar at the University has been designated to coordinate the inspection and review procedures for student education records, which include admissions, personnel, academic and financial files, and academic and placement records. Students wishing to review their education records must make written requests to the Registrar listing the specific item or items of interest to view. Only records covered by the act will be made available within 45 days of the request. Students may have copies made of the specified requested portion of their records with certain exceptions (e.g., a

copy of the academic record for which a financial “hold” exists or a transcript of an original or source document that exists elsewhere). These copies are made at the students’ expense at 10 cents for each sheet. Education records do not include the following: records which are in the sole possession of their makers and are not accessible or revealed to any individual; records of the University Campus Safety Office; student health records; employment records where student status is not a condition of being employed.

Students may not inspect or review the following as outlined by the Act: financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors to which they have waived their rights of inspection and review; or education records containing information about more than one student, in which case the University will permit access only to that part of the record that pertains to the inquiring student.

As of Jan. 3, 2012, the U.S. Department of Education’s FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records — including your Social Security Number, grades, or other private information — may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities (“Federal and State Authorities”) may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is “principally engaged in the provision of education,” such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Students who believe that their education records contain information that is inaccurate or misleading or is otherwise in violation of their privacy or other rights

may discuss their objections informally with the Registrar’s Office. If the decisions are in agreement with the students’ requests, the appropriate records will be amended. If not, the students will be notified within a reasonable period of time that the records will not be amended, and they will be informed by the Registrar’s Office of their right to a formal hearing. Student requests for a formal hearing must be made in writing to the provost, who, within a reasonable period of time after receiving such requests, will inform students of the date, place and time of the hearing. Students may present evidence relevant to the issues raised and may be assisted or represented at the hearings by one or more persons of their choice, including attorneys, at the students’ expense. The hearing panels that will adjudicate such challenges will be the provost and representatives of student affairs.

Decisions of the hearing panels will be final, will be based solely on the evidence presented at the hearing, will consist of written statements summarizing the evidence and stating the reasons for the decisions, and will be delivered to all parties concerned. The education records will be corrected or amended in accordance with the decisions of the hearing panels, if the decisions are in favor of the students. If the decisions are unsatisfactory to the students, the students may place with the education records statements commenting on the information in the records or statements setting forth any reasons for disagreeing with the decisions of the hearing panels. The statements will be placed in the education records, maintained as part of the students’ records and released whenever the records in question are disclosed.

Students who believe that the adjudications of their challenges are unfair or not in keeping with the provisions of the Act may request, in writing, assistance from the president of the University. Further, students who believe that their rights have been abridged may file complaints with the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Ave. SW, Washington, D.C. 20202-5920, concerning the alleged failures of the University to comply with the Act.

Revisions and clarifications will be published as experience with the statute and the University’s policy warrant.

## About This Catalog

Statements set forth in this catalog outline the current rules, regulations and institutional policies of the University and are for informational purposes only. They should not be construed as the basis of a contract between a student and this institution.

The University certifies that this catalog is true and correct in both content and policy. It is the responsibility of each student to read and understand the provisions of The University of Tampa catalog under which he or she is registered.

## **Index**