Requirements for a minor in environmental science consist of the following five courses:

BIO 203, 204, 212, 242 and 346; and one of the following courses, PHL 210, MAR 126, MAR 226 or BIO 224. It is further recommended that students who are not science majors take MAR 150 or CHE 126 for the physical science requirement.

Department of Chemistry and Physics

Faculty: Professor Burroughs, Chair; Professors Ford, Laurino; Associate Professor Hendrix; Assistant Professors Allen, Ballard, Carastro, Deneault, Jackman, Perry, Struss; Visiting Professor Cannon; Instructor Bender.

Degrees Offered: BS, chemistry; BS, chemistry-professional; BS, biochemistry; BS, forensic science; BA, chemistry; BS, chemistry (biochemistry)/MBA.

The Chemistry Department offers its 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 BS degree or go on to graduate or professional school with either a BS, BS-professional or BA degree.

Each program is a continuum of prerequisites designed to best develop the student’s knowledge of chemistry in each of the five major areas. In upper-level classes, the average course size drops from about 30 students to approximately 5 to 10 students per class. This small class size not only gives students the opportunity to work with equipment not often available to undergraduates at large institutions, but also allows for frequent direct interaction with the faculty.

Given the small class size at the University and the varied research interest of the chemistry faculty, experiential learning opportunities are available and encouraged.

Students working with faculty members have completed projects in environmental analysis, atmospheric chemistry, marine nutrient analysis, protein chemistry, organic reaction mechanisms, electroanalysis and biosensor development.

Each member of the faculty is an expert in at least one of the aforementioned areas of chemistry. Each chemistry major is assigned 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 Concentration

Students interested in medicine, dentistry or veterinary science may wish to consider the BA in chemistry. This degree program has been specifically designed for pre-professional students whose interests lie in the chemical sciences. While any of the degree programs offered by the Department of Chemistry provides the opportunity for professional school admission, the BA degree, with fewer credit hours than the BS degrees, allows the student to explore other academic disciplines through electives, providing the well-rounded educational experience professional schools actively seek in their applicants. In addition to the chemistry majors, students also may choose biology or other majors, 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-professional advisor, Dr. David Ford, who chairs the Pre-Professional Committee.

The Army ROTC Department can assist pre-professional students with their professional program finances through the Health Science Professional Scholarship Program. For more information, contact the Army ROTC Department at (813) 258-7200 or UT ext. 3044.
Core Requirements

Lower-Level Chemistry Core
All lower level CHE core courses must be completed during the freshman and sophomore years. Students must pass these courses with a minimum GPA of 2.0 for the core course group. In addition, certain course-specific “C” minimums also apply for individual coursework.

CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I- Lab......................... 1
CHE 154 General Chemistry II ..... 3
CHE 155 General Chemistry II- Lab......................... 1
CHE 232 Organic Chemistry I ..... 3
CHE 233 Organic Chemistry I- Lab......................... 1
CHE 234 Organic Chemistry II ..... 3
CHE 235 Organic Chemistry II- Lab......................... 1
CHE 245 Intermediate Inorganic Chemistry (with lab)...... 4
CHE 310 Analytical Chemistry (with lab).................. 4
CHE 320 Biochemistry .................. 3
CHE 352 Physical Chemistry I ..... 3
CHE 353 Physical Chemistry I- Lab......................... 1
CHE 354 Physical Chemistry II ..... 3
MAT 260 Calculus I....................... 4
MAT 261 Calculus II....................... 4

Sem. Hrs. 50

Requirements for a BA major in chemistry:

CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I- Lab......................... 1
CHE 154 General Chemistry II ..... 3
CHE 155 General Chemistry II- Lab......................... 1
CHE 232 Organic Chemistry I ..... 3
CHE 233 Organic Chemistry I- Lab......................... 1
CHE 234 Organic Chemistry II ..... 3
CHE 235 Organic Chemistry II- Lab......................... 1
CHE 245 Intermediate Inorganic Chemistry (with lab)...... 4
CHE 310 Analytical Chemistry (with lab).................. 4
CHE 320 Biochemistry .................. 3
CHE 352 Physical Chemistry I ..... 3
CHE 353 Physical Chemistry I- Lab......................... 1

Requirements for a BS major in chemistry:

CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I- Lab......................... 1
CHE 154 General Chemistry II ..... 3
CHE 155 General Chemistry II- Lab......................... 1
CHE 232 Organic Chemistry I ..... 3
CHE 233 Organic Chemistry I- Lab......................... 1
CHE 234 Organic Chemistry II ..... 3
CHE 235 Organic Chemistry II- Lab......................... 1
CHE 245 Intermediate Inorganic Chemistry (with lab)...... 4
CHE 310 Analytical Chemistry (with lab).................. 4
CHE 320 Biochemistry .................. 3
CHE 352 Physical Chemistry I ..... 3
CHE 353 Physical Chemistry I- Lab......................... 1
CHE 354 Physical Chemistry II ...... 3
CHE 355 Physical Chemistry II-
Lab.................................. 1
CHE 425 Advanced Inorganic
Chemistry.......................... 3
CHE 430 Advanced Instrumental
Chemistry (with lab)............ 4
CHE 410 Senior Seminar .......... 2
or
CHE 451 Introduction to
Research............................ 2-4
or
CHE 453 Chemistry Internship..... 2
CHE 426 Advanced Organic
Chemistry.......................... 4
or
CHE 445 Advanced Spectroscopy... 4
or
CHE 499 Special Topics in
Chemistry.......................... 4
BIO 204 Biological Unity......... 4
PHY 205 General Physics I
(Calculus-based)............... 4
PHY 206 General Physics II
(Calculus-based)............... 4
MAT 260 Calculus I............... 4
MAT 261 Calculus II............... 4

Sem. Hrs. 68
MAT 262 is strongly recommended for the
BS chemistry major. BIO 203 is not required
for chemistry majors.

Requirements for a BS-professional
major in chemistry:
CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I-
Lab.................................. 1
CHE 154 General Chemistry II ..... 3
CHE 155 General Chemistry II-
Lab.................................. 1
CHE 232 Organic Chemistry I ...... 3
CHE 233 Organic Chemistry I-
Lab.................................. 1
CHE 234 Organic Chemistry II .... 3
CHE 235 Organic Chemistry II-
Lab.................................. 1
CHE 245 Intermediate Inorganic
Chemistry (with lab)............ 4
CHE 310 Analytical Chemistry
(with lab).......................... 4
CHE 320 Biochemistry............... 3
CHE 352 Physical Chemistry I ...... 3
CHE 353 Physical Chemistry I-
Lab.................................. 1
CHE 354 Physical Chemistry II .... 3
CHE 355 Physical Chemistry II-
Lab.................................. 1
CHE 425 Advanced Inorganic
Chemistry.......................... 3
CHE 430 Advanced Instrumental
Chemistry (with lab)............ 4
CHE 451 Introduction to
Research............................ 4
CHE 420 Advanced Biochemistry... 4
or
CHE 426 Advanced Organic
Chemistry.......................... 4
or
CHE 445 Advanced Spectroscopy... 4
BIO 204 Biological Unity......... 4
PHY 205 General Physics I
(Calculus-based)............... 4
PHY 206 General Physics II
(Calculus-based)............... 4
MAT 260 Calculus I............... 4
MAT 261 Calculus II............... 4

Sem. Hrs. 70
MAT 262 is strongly recommended for the
BS chemistry-professional major. BIO 203 is
not required for chemistry majors.

Requirements for a minor in chemistry:
CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I-
Lab.................................. 1
CHE 154 General Chemistry II ..... 3
CHE 155 General Chemistry II-
Lab.................................. 1
CHE 310 Analytical Chemistry
(with lab).......................... 4
or
CHE 320 Biochemistry*.............. 3
or
CHE 420 Advanced
Biochemistry..................... 4
CHE 232 Organic Chemistry I ...... 3
CHE 233 Organic Chemistry I-
Lab.................................. 1
CHE 234 Organic Chemistry II .... 3
CHE 235 Organic Chemistry II-
Lab.................................. 1

Sem. Hrs. 19-20

* CHE 320 cannot be used to satisfy
this requirement if it is used as a biology
elective.
Biochemistry

Requirements for a BS major in biochemistry:

CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I-
Lab ........................................ 1
CHE 154 General Chemistry II ...... 3
CHE 155 General Chemistry II-
Lab ........................................ 1
CHE 232 Organic Chemistry I ...... 3
CHE 233 Organic Chemistry I-
Lab ........................................ 1
CHE 234 Organic Chemistry II ...... 3
CHE 235 Organic Chemistry II-
Lab ........................................ 1
CHE 245 Intermediate Inorganic
Chemistry (with lab) .......... 4
CHE 310 Analytical Chemistry
(with lab) .................................. 4
CHE 320 Biochemistry ................. 3
CHE 352 Physical Chemistry I ...... 3
CHE 353 Physical Chemistry I-
Lab ........................................ 1
CHE 354 Physical Chemistry II ...... 3
CHE 355 Physical Chemistry II-
Lab ........................................ 1
CHE 420 Advanced Biochemistry .. 4
CHE 430 Advanced Instrumental
Chemistry (with lab) .......... 4
CHE 480 Techniques in
Tissue Culture .................... 4
CHE 410 Senior Seminar .......... 2
or
CHE 451 Introduction to Research
or
CHE 453 Chemistry Internship .... 2
BIO 204 Biological Unity .......... 4
BIO 300 Genetics, General
BIO 330 Physiology, or Molecular or
BIO 320 Genetics ...................... 4
PHY 205 General Physics I (Calculus-based) ........ 4
PHY 206 General Physics II (Calculus-based) ........ 4
MAT 260 Calculus I .................... 4
MAT 261 Calculus II .................... 4

Sem. Hrs. 73

MAT 262, BIO 360 and BIO 350 are strongly recommended for the biochemistry
major. The BIO 203 prerequisite is waived for biochemistry majors.

Bachelor of Science in Forensic Science

The BS program in forensic science prepares students for careers in forensic chemistry or forensic
toxicology. Graduates typically are employed in local, state or federal crime laboratories or law
enforcement agencies such as the FDA, EPA and OSHA. Forensic chemistry also is an option for
pre-professional majors and for those interested in pursuing master’s or doctoral degrees.

CHE 152 General Chemistry I ...... 3
CHE 153 General Chemistry I-
Lab ........................................ 1
CHE 154 General Chemistry II ...... 3
CHE 155 General Chemistry II-
Lab ........................................ 1
CHE 232 Organic Chemistry I ...... 3
CHE 233 Organic Chemistry I-
Lab ........................................ 1
CHE 234 Organic Chemistry II ...... 3
CHE 235 Organic Chemistry II-
Lab ........................................ 1
CHE 310 Analytical Chemistry ...... 4
CHE 320 Biochemistry ................. 3
CHE 305 Applied Physical
Chemistry .......................... 3
CHE 440 Quality Assurance .......... 3
CHE 460 Introduction to
Forensic Research ............ 2
CHE 480 Forensic Toxicology ...... 3
BIO 204 Biological Unity .......... 4
BIO 320 Molecular Genetics .......... 4
PHY 200 General Physics I .......... 4
PHY 201 General Physics II .......... 4
MAT 201 Introduction to
Statistics ......................... 4
MAT 260 Calculus I .................... 4
MAT 261 Calculus II .................... 4
WRI 281 Technical Writing ........... 4
CRM 101 Introduction to
Criminology .................... 4
CRM 102 Introduction to
Criminal Justice ............. 4
CRM 200 Introduction to Law
Enforcement .................... 4
CRM 206 Criminal Investigation .... 4
CRM 307 Introduction to
Forensic Science ............ 4
CRM 311 Criminal and Court
Procedure ..................... 4
CRM 317 Expert Witness
Testimony .................... 4

Sem. Hrs. 94

129
**Bachelor of Science in Chemistry (Biochemistry) / MBA Joint Degree Program**

This program is designed to develop scientists who can serve as managers, group leaders and analysts in chemical, pharmaceutical, biotechnology, medical diagnostic and investment companies. Students completing this program will be able to understand and appreciate the nature of the scientific hurdles facing scientists, the financial and stakeholder pressures experienced by management, and the influence of this research on day-to-day corporate operations. The graduate is awarded a BS degree in either chemistry or biochemistry, and a Master of Business Administration.

The program consists of courses required for a major in either chemistry or biochemistry, courses that fulfill all of the undergraduate business foundation requirements, and courses required to complete the Master of Business Administration program at The University of Tampa. Provisional acceptance into the program will be granted upon completion of the application requirements and the course requirements outlined below for years one and two, with final acceptance granted upon completion of the application requirements and the course requirements outlined below for years one through three. Participants in this program are required to successfully complete three internships in chemistry and business.

**BS Chemistry / MBA**

**Year 1**

**First Semester, Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 152</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 153</td>
<td>General Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>MAT 260</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric</td>
<td>4</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues (IG)</td>
<td>4</td>
</tr>
<tr>
<td>GTW 100</td>
<td>Gateways</td>
<td>1</td>
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</tbody>
</table>

**Second Semester, Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 154</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 155</td>
<td>General Chemistry Lab II</td>
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**Year 2**

**First Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHE 232</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 233</td>
<td>Organic Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHY 205</td>
<td>General Physics I (Calculus-based)</td>
<td>4</td>
</tr>
<tr>
<td>CHE 310</td>
<td>Analytical Chemistry (with lab)</td>
<td>4</td>
</tr>
<tr>
<td>ACC 203</td>
<td>Managerial Accounting</td>
<td>3</td>
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**Second Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 234</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 235</td>
<td>Organic Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>ECO 204</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Biological Unity</td>
<td>4</td>
</tr>
<tr>
<td>PHY 206</td>
<td>General Physics II (Calculus-based)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Year 3**

**First Semester, Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 352</td>
<td>Physical Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 353</td>
<td>Physical Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>ECO 205</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ITM 210</td>
<td>Managerial Statistics</td>
<td>3</td>
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<tr>
<td>CHE 320</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

**Second Semester, Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 354</td>
<td>Physical Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 355</td>
<td>Physical Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE 245</td>
<td>Intermediate Inorganic Chemistry (with lab)</td>
<td>4</td>
</tr>
<tr>
<td>CHE 499</td>
<td>Special Topics in Chemistry or Advanced Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHE 426</td>
<td>Advanced Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>FIN 310</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sem. Hrs. 17**
### Summer
- **MGT 490** Business Internship........ 3

#### Year 4

**First Semester, Senior**
- **CHE 451/3** Chemical Research/Intern............................. 2
- **ITM 607** Managing Value Through Information Systems and Technology............... 1.5
- **MGT 599** Fast Start Workshop........ 1
- Humanities Choice (2)................................. 8
- Social Science Choice................................. 4

Sem. Hrs. 16.5

**Second Semester, Senior**
- **CHE 430** Advanced Instrumental Chemistry (with lab)....... 4
- **CHE 425** Advanced Inorganic Chemistry......................... 3
- **ACC 615** Financial Disclosure Analysis............................ 1.5
- Humanities Choice ........................................ 4
- **MGT 602** Leading for Performance............................... 3
- **MKT 607** Building Customer Value................................. 1.5

Sem. Hrs. 17

### BS in chemistry awarded with 131.5 credit hours

#### Summer
- **MGT 600** Business Internship........ 1

#### Year 5

**First Semester**
- **ACC 621** Using Financial Information for Decision Making .... 1.5
- **ECO 625** Managerial Economics................................. 1.5
- **FIN 610** Creating Value Through Financial Strategies ..... 1.5
- **MKT 606** Business Research Methods............................. 1.5
- **ITM 611** Building Business Models.............................. 1.5
- **MGT 610** Leading Strategic Change.............................. 1.5
- **ECO 620** International Macroeconomics.......................... 1.5

Sem. Hrs. 10.5

**Second Semester**
- **ITM 613** Supply Chain Management............................ 1.5
- **ITM 614** Effective Project Management.......................... 1.5
- Elective.................................................. 3
- Elective.................................................. 3

Sem. Hrs. 9

**Third Semester (Summer)**
- **MGT 615** Applied Strategic Analysis.................................. 3
- Elective.................................................. 3
- Elective.................................................. 3

Sem. Hrs. 9

### BS Biochemistry/MBA

#### Year 1

**First Semester, Freshman**
- **CHE 152** General Chemistry I........ 3
- **CHE 153** General Chemistry Lab I.... 1
- **MAT 260** Calculus I................................. 4
- **ENG 101** Composition and Rhetoric I......................... 4
- **GIS 101** Global Issues (IG)................. 4
- **GTW 100** Gateways I............................. 1

Sem. Hrs. 17

**Second Semester, Freshman**
- **CHE 154** General Chemistry II......... 3
- **CHE 155** General Chemistry Lab II........... 1
- **MAT 261** Calculus II............................... 4
- **ENG 102** Composition and Rhetoric II............................ 4
- **ACC 202** Financial Accounting Information................ 3
- **GTW 102** Gateways II............................. 1
- **ITM 200** Introduction to Computers.............................. 1

Sem. Hrs. 17

#### Year 2

**First Semester, Sophomore**
- **CHE 232** Organic Chemistry I........ 3
- **CHE 233** Organic Chemistry I Lab.......................... 1
- **PHY 205** General Physics I (Calculus-based)............... 4
- **CHE 310** Analytical Chemistry (with lab).................... 4
- **ACC 203** Managerial Accounting........ 3

Sem. Hrs. 15
Second Semester, Sophomore
CHE 234 Organic Chemistry II ...... 3
CHE 235 Organic Chemistry II Lab .................. 1
ECO 204 Microeconomics ............ 3
BIO 204 Biological Unity .............. 4
PHY 206 General Physics II (Calculus-based) .......... 4
Sem. Hrs. 15

Year 3
First Semester, Junior
CHE 352 Physical Chemistry I ...... 3
CHE 353 Physical Chemistry I Lab .................. 1
ECO 205 Macroeconomics ......... 3
ITM 210 Managerial Statistics ........ 3
CHE 320 Biochemistry .................. 3
Humanities Choice ....................... 4
Sem. Hrs. 17

Second Semester, Junior
CHE 245 Intermediate Inorganic Chemistry (with lab) ...... 4
CHE 354 Physical Chemistry II ...... 3
CHE 355 Physical Chemistry II Lab .................. 1
CHE 420 Advanced Biochemistry ...... 4
FIN 310 Financial Management ...... 3
MKT 300 Principles of Marketing ...... 3
Sem. Hrs. 18

Summer
MGT 490 Business Internship ...... 3

Year 4
First Semester, Senior
CHE 470 Techniques in Tissue Culture .................. 4
CHE 451/3 Chemical Research ...... 2
CHE/BIO Biochemistry Elective ...... 4
ITM 607 Managing Value Through Info Systems and Technology ........ 1.5
MGT 599 Fast Start Workshop ...... 1
Humanities Choice ....................... 4
Sem. Hrs. 16.5

Second Semester, Senior
CHE 430 Advanced Instrumental Chemistry (with lab) ...... 4
ACC 615 Financial Disclosure Analysis of Enterprises .... 1.5
Humanities Choice ....................... 4
Social Science Choice .................. 4
MGT 602 Leading for Performance .......... 3
MKT 607 Building Customer Value .................. 1.5
Sem. Hrs. 18

BS Biochemistry degree awarded with 136.5 credit hours

Summer
MGT 600 Business Internship ...... 1

Year 5
First Semester
ACC 621 Using Financial Information for Decision Making .... 1.5
ECO 625 Managerial Economics .................. 1.5
FIN 610 Creating Value Through Financial Strategies ...... 1.5
MKT 606 Business Research Methods ............... 1.5
ITM 611 Building Business Models .................. 1.5
MGT 610 Leading Strategic Change .................. 1.5
ECO 620 International Macroeconomics ........ 1.5
Sem. Hrs. 10.5

Second Semester
ITM 613 Supply Chain Management ............ 1.5
ITM 614 Effective Project Management ............ 1.5
Elective ............................................... 3
Elective ............................................... 3
Sem. Hrs. 9

Third Semester (Summer)
MGT 615 Applied Strategic Analysis ..... 3
Elective ............................................... 3
Elective ............................................... 3
Sem. Hrs. 9

Application and Acceptance into the BS Biochemistry/MBA Program

Provisional Acceptance
- An overall grade point average equal to that required by the Honors Program. (Note: Participation in the Honors Program is NOT required.)
• A grade of “B” or better in every business course.
• Recommendations of the Department of Chemistry and the College of Business.

Final Acceptance
Final acceptance into the program is granted by the Graduate Studies Program depending upon:
• Performance in both chemistry and business courses during years one through three. A grade of “B” or better in every business course is required.
• An overall grade point average equal to that required by the Honors Program. (NOTE: Participation in the Honors Program is NOT required.)
• GMAT scores of 500 or better
• A written recommendation from the Department of Chemistry.

Department of Communication

Faculty: Professor Bachman, Chair; Professor Kennedy; Associate Professor Emeritus Giancola; Associate Professors Paine, Plays; Assistant Professors Costain, Davis, Eschenfelder, McAlister, Perkins; Visiting Assistant Professor Garrett; Instructors Hill, Myrie.

Instructional Staff: George, Segal.

The mission of the Department of Communication is to advance the knowledge and understanding of the communication processes that occur among individuals, groups, organizations and societies. The program emphasizes the theoretical and applied dimensions of human communication. The curriculum provides knowledge of a range of scientific and aesthetic theories, research methods and practical tools enabling students to confront major communication challenges facing society. Courses emphasize human values, appropriate uses of communication media, historical perspectives and critical thinking.

There are three majors within the department: Communication, Advertising & Public Relations and Film & Media Arts. The Department of Communication also participates in the Electronic Media Art & Technology interdisciplinary program.

Communication Major (COM)

Requirements for a major in communication: the student must take a total of 51 semester hours of credit, which may include a maximum of eight hours in a related discipline, to complete the major.

The COM curriculum is divided into two main components; each component in turn has two categories of available courses. The theory and methods component contains the Culture and Society and Visual Aesthetics courses; the practicum component contains the Writing and Sound, Image & Motion courses. Students must take courses in each of these four areas (minimum credits and prerequisites for each area are identified later in this section).

All cross-listed courses should be taken with a COM designation. Foundation courses (*) are required courses. All COM majors must take a minimum of 16 COM hours at the 300 level or above. At least one of those courses must be at the 400 level.

Theory and Methods Component

Culture and Society
(Students must take a minimum of eight credits, four of which must be at the 300 level or above.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 224</td>
<td>Mass Media and Society*</td>
<td>4</td>
</tr>
<tr>
<td>COM 282</td>
<td>Survey of Advertising and Public Relations</td>
<td>4</td>
</tr>
<tr>
<td>COM 323</td>
<td>Frontiers in Telecommunications</td>
<td>4</td>
</tr>
<tr>
<td>COM 326</td>
<td>Political Campaigns and Electoral Politics</td>
<td>4</td>
</tr>
<tr>
<td>COM 334</td>
<td>Information and the New World Order</td>
<td>4</td>
</tr>
<tr>
<td>COM 336</td>
<td>Critical Studies in Public Communication</td>
<td>4</td>
</tr>
<tr>
<td>COM 380</td>
<td>Culture, Society, and Computing Technology</td>
<td>4</td>
</tr>
<tr>
<td>COM 401</td>
<td>Intercultural Communication</td>
<td>4</td>
</tr>
<tr>
<td>COM 425</td>
<td>Information Technology and Human Values</td>
<td>4</td>
</tr>
<tr>
<td>COM 426</td>
<td>Public Opinion, the Media and Power</td>
<td>4</td>
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</tbody>
</table>

(cross-listed with GWA 426)