

Management Information Systems



THE UNIVERSITY
OF TAMPA

MAJOR IN MANAGEMENT INFORMATION SYSTEMS

The Management Information Systems (MIS) program offers a challenging and evolving field of study in applying computer technology to understand the needs of customers, effectively manage service operations, create competitive advantage and realize the growing promise of e-commerce.

Students majoring in MIS receive a comprehensive education in the design, analysis, development and management of service operations and information systems. Graduates gain a combination of strong technical and business skills, including oral and written communication, helping bridge the gap that often exists between users of systems and technically trained specialists. Topics include:

- Principles of system theory and its application to MIS problems.
- Information systems analysis and design focused on integrating information technology solutions and business processes to solve business problems and exploit business opportunities.
- Planning process as it applies to the information systems development life cycle.
- Ethical and legal issues as they relate to information systems.
- Principles of error control, risk management and problem avoidance.
- Database design and administration.
- Assessment of data communication needs of a firm and design of an appropriate plan for meeting those needs.
- Principles of object-oriented programming that formulate a solution to a business problem.
- Managing the information systems organization.

Career Opportunities

The MIS program prepares students for careers such as systems analysts, programmers, database developers and Web site managers. With experience and additional training, graduates have become project managers, database administrators, network managers and directors of the information systems function within their organizations. Recent graduates have found employment with companies such as Tropicana, Raymond James, PricewaterhouseCoopers, the Home Shopping Network, Tampa General Hospital, Citi, JP Morgan Chase, Verizon and IBM.

Careers

- Database developer
- Operations manager
- Systems analyst
- Business analyst
- Programmer

Major Courses

- Calculus for Business
- Application Development
- IT Infrastructure
- Systems Analysis, Design and Project Management
- Data and Information Management
- Enterprise Architecture and Systems Design
- Global IS Management

See catalog for degree requirements.

Graduate Study

A MIS degree is good preparation for graduate study. Learn about UT grad programs at www.ut.edu/graduate.

Business Student Organizations

- Adam Smith Society
- Alpha Iota Mu
- Association of Computer Machinery
- American Marketing Association
- Beta Alpha Psi
- Beta Gamma Sigma
- Dean's Student Advisory Council
- Delta Sigma Pi
- Omicron Delta Epsilon
- UT Entrepreneurs

John H. Sykes College of Business

Management Information Systems

Real-World Learning

Features of our innovative program include interactive lectures, individual and team assignments, and experiential learning to help students build successful careers. Under the direction of highly qualified and experienced faculty, students work with local companies both individually and as team members to develop information systems solutions to address business problems. Alliances with the SAP and Microsoft corporations provide students access to a wide array of contemporary software tools. Partnerships with information systems professional associations provide many opportunities for student interaction with the business community. Guest lecturers from business and government are regularly featured. Internships with well-known corporations are available to qualified students.

Faculty

- Farouq Alhourani, Ph.D., University of Wisconsin-Milwaukee
- Marcy L. Courier, Ph.D., University of South Florida
- Vikas Jain, Ph.D., George Washington University
- Michael Jeffries, Ph.D., University of South Florida
- Ali Jenzarli, Ph.D., University of Kansas
- Klara G. Nelson, Ph.D., Florida State University
- Raymond G. Papp, Ph.D., Stevens Institute of Technology
- Britt M. Shirley, Ph.D., University of Alabama
- Natasha F. Veltri, Ph.D., University of Central Florida
- Harold W. Webb, Ph.D., Texas Tech University
- Linda A. Webb, MBA, MS, Texas Tech University

The John H. Sykes College of Business

Combining a strong liberal arts foundation with a broad-based business core, the John H. Sykes College of Business is one of only 19 private schools in the Southeast accredited at both the graduate and undergraduate levels by AACSB International (The Association to Advance Collegiate Schools of Business), the premier business accrediting organization. The College offers state-of-the-art resources such as the Huizenga Family Foundation Trading Center, providing Bloomberg Professional™ real-time trading information and hands-on financial management experience. The 80,000-square-foot Sykes building has more than 1,300 data ports and several wireless hot spots allowing students to go online from all 30 classrooms, breakout rooms, hallways and vending areas.

OFFICE OF ADMISSIONS | 401 W. Kennedy Blvd. | Tampa FL 33606-1490
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COB Essential Competencies

The John H. Sykes College of Business is committed to delivering distinctive programs and services that develop:

- High performance leadership
- Global effectiveness
- Technology mastery
- An innovative mind-set
- Business expertise

More on the Web

Visit www.ut.edu/colleges for more information about the John H. Sykes College of Business and its programs:

- Accounting
- Economics
- Entrepreneurship
- Finance
- Financial Services Operations & Systems
- International Business Majors
- Management
- Management Information Systems
- Marketing
- MBA
- Certificate Program for Nonprofit Management

About UT

The University of Tampa is a medium-sized, private university offering more than 120 areas of undergraduate study and nine graduate programs. Richly diverse, UT is the school of choice for nearly 6,000 students from across the country and around the world.

