University of South Florida
MS in Management Information Systems

Business Analyst
Project Manager
Software Engineer
Enterprise Architect
BI Analyst
Web Developer
CIO
IT Consultant
Database Administrator
Data Scientist
Data Warehouse Analyst
Information Security Analyst

Powered by Analytics • Driven by Creativity
The typical student enrolling into the program has two to five years of professional experience. Our professors are renowned for their academic and professional accomplishments. The Information Systems & Decision Sciences Department is engaged with the business community through its industry-sponsored practice centers. Projects from the center allow students to introduce state-of-the-market technologies into local companies.

Dedicated student success specialists are committed to the professional success of students. They assist with career development and facilitate job and internship placement in organizations nationwide.

Ongoing professional development bootcamps presented by faculty and other experts give students an edge above the competition.

Recent USF Muma College of Business MIS masters students continue to be placed in leading global businesses such as IBM, Deloitte, Paypal, Microsoft, and Infosys, with starting salaries in the $55k-$100k range.

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**Why a Master’s Degree in Management Information Systems?**

The Master of Science in Management Information Systems is a STEM (science, technology, engineering and math) business degree that blends technology and business skills. Courses allow students to specialize in business intelligence, information assurance, business analytics, project management, software engineering and compliance, risk and anti-money laundering.

Students who already have considerable background either in information systems or in business coursework will make use of the built-in flexibility of the program, providing them with the best background for their careers. An advisor will work closely with each student to design and monitor the most effective course sequence and optional thesis/practicum work.

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*"The strength of this program is its balance of theory and practice. Students learn technical skills that can immediately translate to their jobs. However, it is the faculty's focus on interpretation that teaches us why those skills are important and allows us to truly advance our careers."

- Timothy Adams ’14 MS in MIS
Coursework

Prerequisites

Incoming students must complete the prerequisites listed below. Many of these can be waived after a review of prior coursework and/or work experience. Any remaining prerequisites can be completed through various resources; some of them may be taken concurrently with courses in the program.

- One semester of a high-level, object-oriented programming language (e.g., C#, C++, Java) or substantial programming experience
- One semester of information systems analysis and design or equivalent experience
- One semester of database systems or equivalent
- A course in statistics
- A course in economics
- A course in financial accounting

Core Courses (15 credit hours)

- ISM 6124 - Advanced Systems Analysis and Design
- ISM 6218 - Advanced Database Administration
- ISM 6225 - Distributed Information Systems
- ISM 6436 - Operations and Supply Chain Processes
- ISM 6155 - Enterprise Information Systems Management

Elective Courses (18 credit hours)

- ISM 6125 - Software Architecture
- ISM 6145 - Seminar on Software Testing
- ISM 6305 - Managing the Information Systems Function
- ISM 6382 - International Aspects of Information Systems
- ISM 6480 - Electronic Commerce
- ISM 6905 - Independent Study
- ISM 6316 - Project Management
- ISM 6136 - Data Mining
- ISM 6208 - Data Warehousing
- ISM 6056 - Web Application Development
- ISM 6175 - ERP and Business Process Management
- ISM 6328 - Information Security and Risk Management
- ISM 6930 - Decision Analysis for Business Continuity and Disaster Recovery

Analytics & Business Intelligence Concentration

- ISM 6930 - Statistical Programming for Business Analytics
- ISM 6137 - Statistical Data Mining
- ISM 6930 - Big Data and Electronic Commerce
- ISM 6930 - Mainframe Technologies

• Graduate students who take four of the five required courses, and earn a GPA of 3.0 or higher in each, receive a joint SAS/USF Certificate in Analytics and Business Intelligence when they use SAS analytics package as part of some of these courses.

• The program has one of the strongest data analytics focused curriculum in the United States — it offers six advanced data-focused courses.

The MS in MIS program challenges students to think beyond current information technologies and practices. The inclusion of cutting-edge research topics taught by a world-class MIS faculty enables students to design the future of information technology and systems.

- Alan Hevner, MIS Professor
Admission Requirements

Students are admitted based on an evaluation of an application in its entirety, including prior college level academic grades earned, GMAT or GRE scores, TOEFL scores (for international students only), letters of recommendation, statement of purpose, and relevant work experience.

Financial Assistance

USF and the Muma College of Business offer a number of scholarships, graduate teaching assistantships, tutoring opportunities, and Student Excellence Grants to Tampa students. Please visit the USF Financial Aid website at www.usf.edu/finaid for other sources of financial assistance.

How to Apply

Applications are submitted online at grad.usf.edu and are evaluated as they are received. Admissions decisions are usually made within four weeks. Non-USF transcripts must be submitted with application. Application deadlines are

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<tr>
<td>Domestic: July 1</td>
<td>Domestic: November 1</td>
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<tr>
<td>International: February 1</td>
<td>International: July 1</td>
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Please contact International Services at global.usf.edu/is for more information on international requirements.

Domestic: July 1
International: July 1