Master of Science in information technology and management

Program information

College	College of Business		
Department or school	Department of Information Technology and Operations Management		
Degree abbreviation	M.S.	**CIP code**	52.1201
Program website	business.fau.edu/masters-phd/it-management/traditional		

Our commitment to you

This Academic Learning Compact describes the program's mission, what students who complete the program will know and be able to do and how faculty assess that learning. Florida Atlantic University publishes a compact for every degree program and standalone certificate so students, families, employers and the community can see what each program commits to providing its graduates.

Program mission

The Department of Information Technology and Operations Management builds skill in information systems, operations management and decision sciences. It prepares graduates to contribute to their organizations and communities as technology changes, working in active partnership with the business community.

Florida Atlantic University's mission

Florida Atlantic University is recognized as an opportunity university and R1 research institution dedicated to transforming lives through education, discovery, and innovation. We empower students to achieve economic mobility, advance knowledge that creates meaningful impact, and forge partnerships that drive prosperity and connection in the communities we serve.

How the program supports the university mission

The program supports the university's mission by preparing technology leaders for fast-growing careers in information technology management. Project work and research build career-ready skills.

About the program

The Master of Science in information technology and management requires 30 credits. Required courses cover information systems management, project and change management, information assurance and security, web-based business development, technology sourcing and business communication. The program is a great fit for students who want to lead technology work in organizations.

Student learning outcomes

By graduation, students will be able to demonstrate outcomes in three core areas: content/discipline knowledge and skills (Outcome 1), communication skills (Outcome 2) and critical thinking skills (Outcome 3). Faculty assess all three core outcomes every year.

A. Content/Discipline Knowledge and Skills

What graduates will know and be able to do in their field

Areas this program addresses (check at least two)

- ☒ **Declarative knowledge:** key vocabulary, history, theories and concepts of the field
- ☒ **Research skills:** finding, gathering, analyzing and reporting information the way the field does
- ☐ **Technical skills:** hands-on tools and methods of the field, such as software, instruments, lesson plans or business reports

Graduates will be able to explain information technology investment strategies and how they support business goals.

How students show it

A final exam in each course.

Where it is assessed

ISM 6026 Management of Information Systems and Technology; ISM 6328 Management of Information Assurance and Security

B. Communication Skills

How graduates will share ideas and work with others

Areas this program addresses (check at least two)

- ☒ **Written communication:** clear, well-organized writing suited to the audience and purpose
- ☒ **Oral communication:** well-organized presentations that connect with an audience
- ☐ **Other forms of communication:** visual, media, performance or exhibit work
- ☐ **Team/collaborative communication:** contributing to group projects and shared goals

Graduates will be able to write clear, well-organized and properly formatted documents for professional business audiences.
Graduates will be able to deliver well-organized informative and persuasive presentations that suit their audience.

How students show it

Written and oral presentation of a project

Where it is assessed

ISM 6328

C. Critical Thinking Skills

How graduates will analyze, create and solve problems

Areas this program addresses (check at least one)

- ☒ **Analytical skills:** weighing evidence, comparing ideas and judging arguments
- ☐ **Creative skills:** combining knowledge to create something new, such as a design, performance or proposal
- ☐ **Practical skills:** applying knowledge to real situations, such as a business proposal, lesson plan or grant

Graduates will be able to evaluate global technology providers and teams to select suitable sourcing partners.

How students show it

Projects in each of the courses

Where it is assessed

ISM 6026 and ISM 6328

Assessment approaches

Every year, faculty review samples of student work to see how well students are meeting all three outcomes, and they use what they learn to improve the program.

Faculty review projects, a research project and exams in the information systems, information security and technology sourcing courses. They also review papers and presentations in the graduate business communication course. Faculty use the results to improve courses in the program.

Assessment methods may change over time.