

Management Information Systems Program

The mission of the Department of Information Technology and Operations Management (ITOM) is to assist students across the College of Business in developing competence in information systems, operations management, and related decision science disciplines. These individuals can then contribute effectively to their organizations and communities in an ever-evolving technological environment.

Management Information Systems Required Courses

A minimum of 120 credit hours are required for the degree. Other administrative requirements must be met; see the University Catalog for detailed requirements.

General Education*

English I	ENC 1101
English II	ENC 1102 (Pre: ENC 1101)
Humanities	6 credits (Transfer students may not take WOH2012 at FAU as a humanity)
Natural Science	6 credits (Some examples listed in "Core Curriculum" link below)
Social Science	6 credits (Requirement met with micro and macroeconomics)

*Students admitted to FAU as Freshmen (0-29 credits) are under the [Core Curriculum](#), which requires an additional course in humanities, an additional course in social science, and a natural science lab.

Pre-Professional Business Courses (Minimum grade of "C")

Accounting I (Financial)	ACG 2021 (Pre: 30 credits)
Accounting II (Managerial)	ACG 2071 (Pre: ACG 2021 with grade of "C" or better)
Macroeconomics	ECO 2013 (Pre: 30 credits)
Microeconomics	ECO 2023 (Pre: 30 credits)
Methods of Calculus	MAC 2233 (Pre: College algebra or see math dept.)
Introductory Statistics	STA 2023 (Pre: Liberal arts math 1 or see math dept.)
Information Systems Fundamentals	ISM 2000 (Pre: 30 credits)

NOTE: A Math Placement Exam is available and may be required for some students.

Details are available at this website: <http://www.fau.edu/mathplacement/>

Business Core (Pre: 60 credits, except ENC 3213) (Minimum grade of "C")

Business Law I	BUL 4421
Management Information Systems	ISM 3011 (Pre: ISM 2000)
Writing for Management	ENC 3213 (Pre: ENC 1101 & 1102)
Quantitative Methods in Admin	QMB 3600 (Pre: MAC 2233 & STA 2023)
Mgmt & Organizational Behavior	MAN 3025
Marketing Management	MAR 3023 (Pre: ECO 2013 & 2023)
Financial Management	FIN 3403 (Pre: ACG 2021 & 2071)
3 credits of Upper-Level Economics	Any 3000/4000 ECO course except ECO 3003
1 International Perspective Course	Select from: MAN 3600, ECS 3013, ECO 4704, ECO 4713, MAR 4156, FIN 4604, or approved business study abroad
Operations Management	MAN 3506 (Pre: MAN 3025 & QMB 3600)
Global Strategy and Policy	MAN 4720 (Pre: 90 credits & see catalog)

Major Courses - Management Information Systems (Pre: 60 credits)

The following four courses are required:

Intro to Business Programming	ISM 3230 (Pre: ISM 2000)
Business Data Communications	ISM 4220 (Pre: ISM 3011)
Database Management Systems	ISM 4212 (Pre: ISM 3230)
Advanced Sys. Analysis & Design	ISM 4133 (Pre: ISM 4212)

PLUS

Select an area of Concentration and finish one complete group of three courses:

Programming Concentration Group

Intermediate Business Software Development	ISM 3232 (Pre: ISM 3230)
Advanced Business Software Development	ISM 4234 (Pre: ISM 3232)
(Choose 1 of 2 programming languages: Java or C#)	
Business Software Systems Development Project	ISM 4243 (Pre: ISM 4234 & 4212)
(Must be the same language as ISM 4234)	

-OR-

Security Concentration Group

Information Systems Security	ISM 4320 (Pre: ISM 4220)
Security Management	ISM 4323 (Pre: ISM 4320)
Computer Forensics	ISM 4324 (Pre: ISM 4320)