

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.

Intellectual Foundation Program (IFP) *

English I	ENC 1101
English II	ENC 1102 (Pre: ENC 1101)
Society and Human Behavior	6 credits (3 credits met by ECO requirement)
Natural Science	6 credits (one course with a lab)
Math & Quantitative Reasoning	6 credits (met with MAC2233 and STA2023)
Global Citizenship	6 credits
Creative Expression	6 credits

*Students admitted to FAU prior to fall 2009, see the [General Education](#) requirements. Students who have earned an AA (Associate of Arts) degree from a regionally accredited Florida Public Institution will be deemed to have met the IFP.

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

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

Mgmt & Organizational Behavior	MAN 3025
Marketing Management	MAR 3023 (Pre: ECO 2013 & 2023)
Financial Management	FIN 3403 (Pre: ACG 2021 & 2071)
Writing for Management	ENC 3213 (Pre: ENC 1101 & 1102)
3 credits of Upper-Level Economics	Any 3000/4000 Economics course: not ECO 3003
Quantitative Methods in Admin	QMB 3600 (Pre: MAC 2233 & STA 2023)
Management Information Systems	ISM 3011 (Pre: ISM 2000)
Business Law I	BUL 4421
1 International Perspective Course	Select from: MAN 3600, ECS 3013, ECO 4704, ECO 4713, MAR 4156, RMI 4423, or FIN 4604
Operations Management	MAN 3506 (Pre: MAN3025; & QMB 3600 with "C" or better)
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 Systems Analysis & Design	ISM 4133 (Pre: ISM 4212)

PLUS

Select an area of Concentration and finish ONE complete GROUP of three courses:

Business Intelligence Concentration GROUP

Introduction to Business Intelligence	ISM 3116 (Pre: ISM 3011)
Data Mining and Data Warehousing	ISM 4117 (Pre: QMB 3600)
Advanced Business Intelligence	ISM 4403 (Pre: QMB 3600 & ISM 3116)

-OR-

Security Concentration GROUP

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