

Program: **Information and Operations Management** Dept: Info Systems & Operations Management
 Major: Information and Operations Management - Management Information Systems College: Business
 Degree: Bachelor of Business Administration (B.B.A.) Major Code: 2100

University Core (Total Listed 42-44)

Specific courses within the University Core are listed on pages 96-97.

• Courses from the major may apply to the areas marked in the University Core.

Written and Oral Communication 9

Quantitative Reasoning/Scientific Method 10-11

- Math 3
- Life Science 4
- Physical Science 3-4

Critical Inquiry and Aesthetic Analysis 6

- Aesthetic Analysis 3
- Critical Inquiry 3

American Historical and Political Analysis 6

- American National Government 3
- American History 3

Cultural and Language Analysis 3-4

- Second Language 4
- OR
- Cultural Analysis 3

Social and Behavioral Analysis 3

Life Skills 5

- Required Health Course 2
- Elective Life Skills 3

**Minimum
Required Hours**

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Required Hours**

Support Courses

Business Support Courses 6-9

Required courses:

- ECON 2103 Principles of Microeconomics
- MATH 1513 College Algebra **OR**
- MATH 1533 Algebra for STEM **OR**
- High School Algebra II (with a minimum grade of "C")
- MATH 2053 Math Analysis for Business

Upon completion of the above courses, corresponding University Core requirements will be satisfied. (These courses are required for this major regardless of previous degrees conferred.)

Major Requirements

**Information and Operations Management -
Management Information Systems** 72

Business core courses 36

Required courses:

- ACCT 2113 Accounting I
- ACCT 2133 Accounting II
- ECON 2173 Principles of Business Statistics
- ECON 2203 Principles of Macroeconomics
- ^MRKT 3013 Principles of Marketing
- ^MGMT 3103 Principles of Management
- ^LS 3113 Legal Environment of Business
- ^BCOM 3143 Business Communication
- ^ISOM 3263 Management Information Systems
- ^ISOM 3313 Operations Management
- ^ISOM 3323 Business Analytics
- ^FIN 3563 Fundamentals of Business Finance

Capstone 3

- MGMT 4813 Strategic Management (Senior Status) * #

* All Business Support and Business Core Courses must be completed prior to taking the Capstone Course.

^ Admission to the College of Business is required. See page 101.

All BBA or BS in Accounting majors must successfully complete the Business Senior Exam prior to enrolling in MGMT 4813 Strategic Management.

Management Information Systems 33

- Required courses: 21
- ISOM 2313 Programming for Business Applications
- ISOM 3363 Business Problem Solving with Software
- ISOM 3373 Information Technology and System Software
- ISOM 4163 Business Systems Analysis and Design
- ISOM 4263 Data Resource Management
- ISOM 4463 Managing and Troubleshooting Networks
- ISOM 4503 Developing SQL Server Databases

Select from the following 12

- ACCT 3113 Managerial Accounting
- CMSC 2613 Programming II
- SE 3103 Object Oriented Software Design & Construction
- ISOM 3343 IT Security and Risk Management
- ISOM 3393 Mobile App Programming for Business
- ISOM 4303 Business Application Management
- ISOM 4333 Project Management
- ISOM 4363 Information Systems Management
- ISOM 4910 Seminar (1-3 hours)
- ISOM 4950 Internship (1-3 hours)

Electives to bring total to 124

Minimum Grade Requirements

1. Average in (a) all college course work, (b) course work at UCO, and (c) major courses 2.25
2. In all Business Support Courses and Business Core Courses minimum grade of "C"

For other regulations pertaining to graduation, see pages 67-68 of the 2017-2018 catalog.