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

Minimum 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.

# All BBA or BS in Accounting majors must successfully complete the Business Senior Exam (BSE) as a component of MGMT 4813 Strategic Management.

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

Information and Operations 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, (c) major courses, and (d) business core courses (including the capstone course) .............................................. 2.25

For other regulations pertaining to graduation, see pages 68-69 of the 2018-2019 catalog.