University Core (Total Listed 42-44)

For a full list of courses see University Core.

• 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

Support Courses

Business Support Courses ......................................................... 6
Required courses:
MATH 1453 Applied Algebra OR
MATH 1513 College Algebra OR
MATH 1533 Precalculus Algebra
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 Systems and Operations Management - Management Information Systems .................. 72

Business core courses ............................................................... 39
Required courses:
ACCT 2113 Accounting I
ACCT 2133 Accounting II
ECON 2103 Principles of Microeconomics
ECON 2173 Principles of Business Statistics
ECON 2203 Principles of Macroeconomics
MRKT 3013 Principles of Marketing
MGMT 3103 Principles of Management
LS 3113 Legal & Ethical 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) * #

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 Systems and Operations Management - Management Information Systems .................. 30
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 ....................................................... 9
ACCT 3113 Managerial Accounting OR
ACCT 3413 Cost Accounting
ACCT 3433 Accounting Information Systems
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, (e) major courses, and (d) business core courses (including the capstone course) .................................................. 2.25

For other regulations pertaining to graduation, see
Academic Degree Requirements.