College of Business

Academic Degree Programs, Minors, Certificates and Military Science
Program: Accounting  
Major: Accounting  
Degree: Bachelor of Science (B.S.)  

<table>
<thead>
<tr>
<th>University Core (Total Listed 42-44)</th>
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<tbody>
<tr>
<td><strong>Minimum Required Hours</strong></td>
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<td><strong>Required Hours</strong></td>
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<tr>
<td>American Historical and Political Analysis</td>
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<td>American National Government</td>
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<td>Cultural and Language Analysis</td>
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<td>OR</td>
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<td>Cultural Analysis</td>
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<td>* Social and Behavioral Analysis</td>
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<td>Life Skills</td>
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<tr>
<td>Required Health Course</td>
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<td>Elective Life Skills</td>
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<tr>
<th>Support Courses</th>
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<tbody>
<tr>
<td><strong>Minimum Required Hours</strong></td>
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<td>MATH 2053 Math Analysis for Business</td>
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</tbody>
</table>

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.)

<table>
<thead>
<tr>
<th>Major Requirements</th>
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<tbody>
<tr>
<td><strong>Minimum Required Hours</strong></td>
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<tr>
<td><strong>Required courses</strong></td>
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<tr>
<td>ACCT 2113 Accounting I</td>
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<td>ACCT 2133 Accounting II</td>
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<tr>
<td>ECON 2103 Principles of Microeconomics</td>
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<td>LS 3113 Legal &amp; Ethical Environment of Business</td>
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<td>BCOM 3143 Business Communication</td>
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<tr>
<td>ISOM 3323 Business Analytics</td>
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<tr>
<td>FIN 3563 Fundamentals of Business Finance</td>
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</tbody>
</table>

**Capstone**

MGMT 4813 Strategic Management (Senior Status) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass the Business Senior Exam (BSE) as a component of MGMT 4813 Strategic Management.
Program: Business Administration
Major: Business Administration - Business Law
Degree: Bachelor of Business Administration (B.B.A.)

University of Central Oklahoma Undergraduate Catalog 2023-2024

Minimum Required Hours
Minimum Required Hours
University Core  (Total Listed 42-44)

For a full list of courses see 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

Business Administration - Business Law ...................... 66

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) * #

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

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

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
Program: Business Administration  
Major: Business Administration - General Business  
Degree: Bachelor of Business Administration (B.B.A.)  
Dept: Finance  
College: Business  
Major Code: 2086  

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

Business Administration - General Business ..... 66

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) * #

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

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

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 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

Business Administration - International Business ...................................... 66-74

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 and 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) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass 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

Minimum Required Hours

Business Administration - International Business ...................................... 24-32
International Business Core ........................................................................ 21
Select 7 of the following 9 courses:
ECON 3653 Intermediate Macroeconomics
ECON 4103 Economic Growth and Development
ECON 4403 International Economics
ECON 4433 International Monetary Relations
FIN 4273 International Finance
MGMT 4253 International Business
MGMT 4483 Diversity in the Workplace
MRKT 4413 International Marketing
LS 4533 Law of International Business Transactions

Additional Modern Language ...................................................................... 0-8

All students completing a B.B.A. in Business Administration-International Business shall complete the first two semesters of a second language. Students may alternatively fulfill the language requirement by proof of proficiency in the second language (CLEP test through LANG 1224) or proof of academic work in the second language (four years of high school language courses, or transfer work from another institution). International students may demonstrate proficiency in a second language by meeting the English proficiency requirements for admission indicated in the undergraduate catalog.

International Experience* .......................................................................... 3
IB 4930 Individual Study in International Business
IB 4950 Internship in International Business
IB 4970 Study Tour in International Business**
ECON 4603 Comparative Economic Systems

* This requirement can be met with a full semester of studying abroad if the department chair approves the course. Additionally, to satisfy the study tour, study abroad, or internship requirement, a student must utilize an experience outside their native country.

** Any international study tour provided by the College of Business, outside the student’s native country, will suffice.
Minimum Required 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
Program: Economics
Major: Economics
Degree: Bachelor of Business Administration (B.B.A.)
Dept: Economics
College: Business
Major Code: 2040

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

Economics ................................................................. 69

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) * #

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

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

# All BBA or BS in Accounting majors must successfully complete and pass the Business Senior Exam (BSE) as a component of MGMT 4813 Strategic Management.
### University Core (Total Listed 42-44)

<table>
<thead>
<tr>
<th>Required</th>
<th>Description</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>Written and Oral Communication</td>
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<tr>
<td></td>
<td>Quantitative Reasoning/Scientific Method</td>
<td>10-11</td>
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<tr>
<td></td>
<td>Critical Inquiry and Aesthetic Analysis</td>
<td>6</td>
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<tr>
<td></td>
<td>Aesthetic Analysis</td>
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<tr>
<td></td>
<td>Critical Inquiry</td>
<td>3</td>
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</tbody>
</table>

### Support Courses

### Business Support Courses (Total Listed 6)

<table>
<thead>
<tr>
<th>Required courses:</th>
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<tbody>
<tr>
<td>MATH 1453 Applied Algebra OR</td>
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<tr>
<td>MATH 1513 College Algebra OR</td>
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<tr>
<td>MATH 1533 Precalculus Algebra</td>
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<tr>
<td>MATH 2053 Math Analysis for Business</td>
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</tbody>
</table>

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

### Economics - Energy Economics (Total Listed 75)

<table>
<thead>
<tr>
<th>Required courses:</th>
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<tbody>
<tr>
<td>ACCT 2113 Accounting I</td>
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<tr>
<td>ACCT 2133 Accounting II</td>
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<tr>
<td>ECON 2103 Principles of Microeconomics</td>
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<td>LS 3113 Legal &amp; Ethical Environment of Business</td>
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<td>ISOM 3323 Business Analytics</td>
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<tr>
<td>FIN 3563 Fundamentals of Business Finance</td>
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### Economics Support Courses

<table>
<thead>
<tr>
<th>Required courses:</th>
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<tr>
<td>MGMT 4813 Strategic Management (Senior Status) #</td>
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</table>

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

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

### Concentration B: Accounting

Select 6 hours from the following:

- ACCT 3213 Intermediate Accounting I
- ACCT 3233 Intermediate Accounting II
- ACCT 3413 Cost Accounting

Or other courses approved by the Economics Department Chair

### 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)
Program: Finance  
Major: Finance  
Degree: Bachelor of Business Administration (B.B.A.)  
Dept: Finance  
College: Business  
Major Code: 2060

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

Finance ...................................................................................... 69

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) * #

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

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

Required courses .......................................................................... 12

FIN 4213 Investments
FIN 4253 Intermediate Business Finance
FIN 4413 Financial Institutions OR
ECON 3103 Money and Banking
FIN 4303 Financial Statement Analysis OR
ACCT 3513 Tax Planning OR
Any 3 hour, 3000/4000 level Accounting course

Electives from the following ......................................................... 15

FIN 3413 Real Estate Principles
FIN 3473 Real Property Management
FIN 3513 Risk Management for the Firm
FIN 3523 Foundations of Insurance and Risk Management
FIN 4423 Employee Benefit Planning
LS 4323 Estate Planning and Administration
FIN 4433 Case Studies in Financial Planning
Or any 3000/4000 level Finance course.

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

Accelerated BBA/MS

The Department of Finance offers a M.S. Finance major. Students in the BBA Finance program are eligible to pursue, with approval, the M.S. Finance degree beginning their senior year. Approved BBA Finance students may take up to nine credit hours of 5000-level Finance courses during their senior year of the BBA program. These courses will count toward both the BBA and MS degrees. A formal application to the MS Finance program and an approval from the Department of Finance are required. Requirements are located in the UCO Graduate Catalogue under Finance.

- CONTINUED ON NEXT PAGE -
Up to nine credit hours of the following courses can be used to satisfy both the BBA Finance and the MS Finance programs:

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<tbody>
<tr>
<td>FIN</td>
<td>5223</td>
<td>Advanced International Finance</td>
</tr>
<tr>
<td>FIN</td>
<td>5243</td>
<td>Advanced Financial Institutions</td>
</tr>
<tr>
<td>FIN</td>
<td>5553</td>
<td>Advanced Financial Statement Analysis</td>
</tr>
<tr>
<td>LS</td>
<td>5223</td>
<td>Advanced Estate Planning</td>
</tr>
</tbody>
</table>
### University Core (Total Listed 42-44)

#### 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

**Finance - Insurance and Risk Management** ....... 66

#### 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) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass 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

#### Life Skills ............................................................................................... 5

- Required Health Course ........................................................................ 2
- Elective Life Skills .................................................................................. 3

#### 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

**Electives to bring total to** ................................................................ 124

**Minimum Required Hours**

- Finance - Insurance and Risk Management .......................................... 24
  - Required courses ................................................................................ 12
  - FIN 3513 Risk Management for the Firm
  - FIN 3523 Foundations of Insurance and Risk Management
  - FIN 3553 Property and Liability Insurance for the Firm
  - FIN 3613 Life and Health Insurance
  - Electives from the following ................................................................ 12
  - FIN 4213 Investments
  - FIN 4253 Intermediate Business Finance
  - FIN 4423 Employee Benefit Planning
  - FIN 4513 Public Sector Risk Management
  - FIN 4523 Risk Control for the Firm
  - FIN 4533 Risk Financing for the Firm
  - FIN 4950 Internship in Finance
  - MATH 3133 Theory of Interest I
  - MATH 4223 Mathematics of Life Contingencies 1
  - MATH 4233 Mathematics of Life Contingencies 2
  - Or other courses approved by the Finance Department Chair

- Capstone..................................................................................................... 3

- MGMT 4813 Strategic Management (Senior Status) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass the Business Senior Exam (BSE) as a component of MGMT 4813 Strategic Management.
Program: Information Systems and Operations Management
Major: Information Systems and Operations Management - Management Information Systems
Degree: Bachelor of Business Administration (B.B.A.)

University of Central Oklahoma Undergraduate Catalog 2023-2024

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

Minimum Required Hours

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
- MKRT 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

- MGMT 4813 Strategic Management (Senior Status) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass 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

- Life Skills ............................................................................ 5
- Required Health Course ......................................................... 2
- Elective Life Skills ................................................................. 3

Information Systems and Operations Management - Management Information Systems .................................. 30

Required courses ................................................................. 24
- ISOM 2313 Programming for Business Applications
- ISOM 3343 IT Security and Risk Management
- ISOM 3373 Information Technology and System Software
- ISOM 4163 Business Systems Analysis and Design
- ISOM 4333 Project Management
- ISOM 4363 Information Systems Management
- ISOM 4463 Managing and Troubleshooting Networks
- ISOM 4503 Developing SQL Server Databases

Select from the following ...................................................... 6
- CMSC 2613 Programming II
- SE 3103 Object Oriented Software Design & Construction
- ISOM 4303 Programming for Analytics
- ISOM 4383 Data Visualization
- ISOM 4513 Emerging Topic in Information Systems
- FRSC 4673 Network Forensics & Lab
- 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) ........................................... 2.00

2.50
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 - Operations and Supply Chain Management ........................................... 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 3103 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) * #

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

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

American Historical and Political Analysis ..................................... 6
- American Historical Government ........................................... 3
- American History ................................................................. 3

Cultural and Language Analysis ..................................................... 3-4
- Second Language ................................................................ 4
- Cultural Analysis ................................................................. 3

Social and Behavioral Analysis ..................................................... 3

Life Skills ....................................................................................... 5
- Required Health Course ..................................................... 2
- Elective Life Skills ................................................................. 3

Information Systems and Operations Management - Operations and Supply Chain Management ........................................... 30

Required courses ................................................................. 21
- ISOM 3123 Supply Chain Analytics
- ISOM 4043 Operations Planning and Control
- ISOM 4333 Project Management
- ISOM 4353 Quality Assurance
- ISOM 4843 Operations and Supply Chain
- MRKT 3313 Business Logistics
- MRKT 4433 Purchasing and Materials Management

Select from the following courses .................................................. 9
- ACCT 3413 Cost Accounting OR
- ACCT 3113 Managerial Accounting
- ISOM 4163 Business Systems Analysis and Design
- ISOM 4323 Methods of Operations Supervision OR
- MGMT 4623 The Art of Leadership
- ISOM 4910 Seminar (1-3 hours)
- ISOM 4950 Internship
- MRKT 3443 Business to Business Marketing

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
University of Central Oklahoma Undergraduate Catalog 2023-2024

Program: Management
Major: Management
Degree: Bachelor of Business Administration (B.B.A.)

Dept: Management
College: Business
Major Code: 2120

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

Management ................................................................. 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) *

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

Electives to bring total to.............................................. 124

Electives

Management ................................................................. 30
Required courses: .............................................................. 12
- MGMT 3313 Human Resource Management
- MGMT 4203 Organizational Behavior
- MGMT 4213 Management Theory
- MGMT 4623 The Art of Leadership

Guided Business Electives (Select 1 course from below) .... 3
- ACCT 3113 Managerial Accounting
- FIN 4303 Financial Statement Analysis
- ISOM 3363 Business Problem Solving with Software
Any 3000/4000 level course from ACCT, MRKT, FIN, ISOM (3 hrs)

Elective Management (Select from below) ............... 15
- ENTR 3203 Entrepreneurs: Startup Now
- ENTR 3213 Innovation and Creativity
- ENTR 3223 Innovation and Creating Wealth
- ENTR 4233 Idea to Opportunity
- MGMT 3133 Business Ethics
- MGMT 3413 Human Resource Compliance
- MGMT 4173 Employee Relations Management
- MGMT 4253 International Business
- MGMT 4263 Small Business Management
- MGMT 4443 Innovation Management
- MGMT 4483 Diversity in the Workplace
- MGMT 4483 HR Training and Development
- MGMT 4503 Recruitment and Selection
- MGMT 4513 Compensation & Benefits
- MGMT 4723 Strategic Human Resource Management
- MGMT 4823 Technology Strategy
- MGMT 4833 Corporate Strategy
Any 3000/4000 level course from ENTR or MGMT

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

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

**Management - Human Resource Management ............................ 66**

**Business core courses ......................................................... 39**

Required courses:
- ACCT 2113 Accounting I
- ACCT 2133 Accounting II
- ECON 203 Principles of Microeconomics
- ECON 213 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) *

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

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

#### 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

### Management - Human Resource Management

**Required courses ................................................................. 18**
- MGMT 3313 Human Resource Management
- MGMT 3413 Human Resource Compliance
- MGMT 4423 HR Training and Development
- MGMT 4503 Recruitment and Selection
- MGMT 4513 Compensation & Benefits
- MGMT 4723 Strategic Human Resource Management

Select from the following courses ........................................... 6
- FIN 4423 Employee Benefit Planning
- MGMT 3133 Business Ethics
- MGMT 3453 Contemporary Issues in HR MGMT
- MGMT 4203 Organizational Behavior
- MGMT 4213 Management Theory
- MGMT 4483 Diversity in the Workplace
- MGMT 4623 The Art of Leadership
- MGMT 4950 Internship in Management OR MGMT 4970 Study Tour in Management (3 hours)
- SFTY 3433 Introduction to OSHA
- Other 3000/4000 MGMT courses as approved by Department

**Electives to bring total to ....................................................... 124**

**Minimum Required Hours**
Program: Management
Major: Management - PGA Golf Management
Degree: Bachelor of Business Administration (B.B.A.)

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

Management - PGA Golf Management ................................. 83

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)

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

# All BBA or BS in Accounting majors must successfully complete and pass 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

Minimum Hours required ............................................................. 126*

* Total hours required for this major may exceed the minimum 124 credit hour institutional requirement and will vary according to course selection. It is recommended students complete two years of a second language in high school.

Passing the PGA of America’s Playing Ability Test (PAT) is a requirement for graduation from the PGA Golf Management Program.

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
**Program: Marketing**
**Major:** Marketing
**Degree:** Bachelor of Business Administration (B.B.A.)

### University Core (Total Listed 42-44)

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Required Hours</th>
</tr>
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<tbody>
<tr>
<td><strong>Written and Oral Communication</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Quantitative Reasoning/Scientific Method</strong></td>
<td>10-11</td>
</tr>
<tr>
<td>- Math</td>
<td>3</td>
</tr>
<tr>
<td>- Life Science</td>
<td>4</td>
</tr>
<tr>
<td>- Physical Science</td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Critical Inquiry and Aesthetic Analysis</strong></td>
<td>6</td>
</tr>
<tr>
<td>- Aesthetic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>- Critical Inquiry</td>
<td>3</td>
</tr>
</tbody>
</table>

**Support Courses**

**Business Support Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Minimum Required Hours</th>
</tr>
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<tbody>
<tr>
<td>MATH 1453</td>
<td>Applied Algebra</td>
<td>OR</td>
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<tr>
<td>MATH 1513</td>
<td>College Algebra</td>
<td>OR</td>
</tr>
<tr>
<td>MATH 1533</td>
<td>Precalculus Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 2053</td>
<td>Math Analysis for Business</td>
<td></td>
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</table>

**Marketing**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Minimum Required Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2113</td>
<td>Accounting I</td>
<td></td>
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<tr>
<td>ACCT 2133</td>
<td>Accounting II</td>
<td></td>
</tr>
<tr>
<td>ECON 2103</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 2173</td>
<td>Principles of Business Statistics</td>
<td></td>
</tr>
<tr>
<td>ECON 2203</td>
<td>Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>MRKT 3013</td>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>MGMT 3103</td>
<td>Principles of Management</td>
<td></td>
</tr>
<tr>
<td>LS 3113</td>
<td>Legal &amp; Ethical Environment of Business</td>
<td></td>
</tr>
<tr>
<td>BCOM 3143</td>
<td>Business Communication</td>
<td></td>
</tr>
<tr>
<td>ISOM 3263</td>
<td>Management Information Systems</td>
<td></td>
</tr>
<tr>
<td>ISOM 3313</td>
<td>Operations Management</td>
<td></td>
</tr>
<tr>
<td>ISOM 3323</td>
<td>Business Analytics</td>
<td></td>
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<tr>
<td>FIN 3563</td>
<td>Fundamentals of Business Finance</td>
<td></td>
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<tr>
<td>MGMT 4813</td>
<td>Strategic Management (Senior Status)</td>
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</tbody>
</table>

**Electives to bring total to**

<table>
<thead>
<tr>
<th>Minimum Required Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

**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) must be completed with a grade of 2.25 or better.

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

# All BBA or BS in Accounting majors must successfully complete and pass the Business Senior Exam (BSE) as a component of MGMT 4813 Strategic Management.
Program: Marketing  
Major: Marketing - Professional Selling  
Degree: Bachelor of Business Administration (B.B.A.)  

Department: Marketing  
College: Business  
Major Code: 2144

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

Minimum Required Hours

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

Marketing - Professional Selling .............................. 69

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 3103 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) * #

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

# All BBA or BS in Accounting majors must successfully complete and pass 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

Cultural Analysis............................................. 3

Social and Behavioral Analysis ................................. 3

Life Skills ...................................................... 5
Required Health Course ......................................... 2
Elective Life Skills ............................................ 3

Minimum Required Hours

Marketing - Professional Selling .............................. 27

Required courses ............................................... 18

BCOM 4333 Negotiation
MRKT 3123 Professional Selling
MRKT 4133 Advanced Professional Selling
MRKT 4143 Sales Management
MRKT 4813 Marketing Management
MRKT 4900 Practicum in Professional Selling OR
MRKT 4950 Internship (Sales)

Elective Marketing Courses ..................................... 9
Select from the following courses:

MRKT 3313 Business Logistics
MRKT 3443 Business to Business Marketing
MRKT 4353 Marketing Ethics
MRKT 4433 Purchasing and Materials Management

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
College of Business Minors

A minor is an optional component of a student’s degree (unless otherwise stated) that, upon graduation, will be reflected on the student’s transcript. A student may earn a minor or multiple minors in the same program, provided the minor differ at the major level. Minors may not be earned independently of a bachelor’s degree granted by the University of Central Oklahoma. Minors may not be earned as a part of an associate degree. Minors do not appear on diplomas.

Minimum Requirements for Minors

Minimums for minors unless otherwise specified:

- Total Hours ................................................................. 18
- Upper Division Hours (3/4000 level) .................................. 6
- Residency Hours ............................................................ 6
- GPA ........................................................................... 2.00

Accounting

Minor Code: 2019

Required courses .......................................................... 12
ACCT 2113 Accounting I
ACCT 2133 Accounting II
ACCT 3213 Intermediate Accounting I
ACCT 3233 Intermediate Accounting II

Elective Accounting ..................................................... 6
Selected from the following:
ACCT 3333 Income Tax Accounting
ACCT 3413 Cost Accounting
ACCT 3433 Accounting Information Systems
ACCT 4283 Advanced Accounting
OR other courses approved by Accounting Department Chair

Business Administration

Minor Code: 2099

Business Administration .................................................. 18

Selected from the following:
ACCT 2113 Accounting I OR
ACCT 2133 Accounting II
ECON 2103 Principles of Microeconomics
ECON 2203 Principles of Macroeconomics
ENTR 3203 Entrepreneurs: Startup Now
ISOM 3263 Management Information Systems
ISOM 3323 Business Analytics
LS 3113 Legal & Ethical Environment of Business
MGMT 3103 Principles of Management
MGMT 4263 Small Business Management
MRKT 3013 Principles of Marketing

Economics

Minor Code: 2039

Required courses ......................................................... 9
ECON 2103 Principles of Microeconomics
ECON 2203 Principles of Macroeconomics
ECON 3203 Intermediate Microeconomics OR
ECON 3653 Intermediate Macroeconomics

Elective Economics (3000/4000 level) ......................... 9

Elective Economics - Energy Economics .......................... 18

Minor Code: 2038

Required courses ......................................................... 9
ECON 2103 Principles of Microeconomics
ECON 2203 Principles of Macroeconomics
ECON 3313 Introduction to Energy Economics

Elective Economics (3000/4000 level) ......................... 9
ECON 3403 Regulation and Antitrust
ECON 3513 Oil & Natural Gas Economics
ECON 3533 Electricity Economics

Any 3000/4000 level course from ACCT, ENGR, FIN, or MATH (3 hours max.)

Finance

Minor Code: 2079

Required courses ......................................................... 9
FIN 3563 Fundamentals of Business Finance
FIN 4213 Investments
FIN 4253 Intermediate Business Finance

Elective Finance .......................................................... 9
OR other courses approved by the Finance Department Chair

Finance - Banking ....................................................... 18

Minor Code: 2065

Required courses ......................................................... 6
FIN 4243 Commercial Bank Management
FIN 4403 Commercial Credit Risk Analysis

Elective courses .......................................................... 12
Selected from the following:
ACCT 3333 Income Tax Accounting
FIN 3453 Real Estate Finance
FIN 3603 Financial Statement Analysis OR
ACCT 3213 Intermediate Accounting I
FIN 4273 International Finance
FIN 4343 Security Analysis
FIN 4413 Financial Institutions
FIN 4950 Internship in Finance
LS 4223 Law of Commercial Transactions

Finance - Business Law .............................................. 18

Minor Code: 2068

Required courses ......................................................... 12
LS 3113 Legal & Ethical Environment of Business
LS 4143 Law of Business Organizations
LS 4223 Law of Commercial Transactions
LS 4883 Legal Issues in Business

Elective courses .......................................................... 6
Selected from the following:
LS 4153 Contemporary Workplace Issues
LS 4163 Law for E-Commerce
LS 4173 Law of Real Property
LS 4323 Estate Planning and Administration
LS 4533 Law of International Business Transactions
LS 4623 Legal Research and Writing
LS 4910 Seminar in Legal Studies

Or other courses approved by the Finance Department Chair
### College of Business Minors - continued

#### Finance - Financial Planning ......................................................... 18

Minor Code: 2066

<table>
<thead>
<tr>
<th>Required courses</th>
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</thead>
<tbody>
<tr>
<td>FIN 3523</td>
<td>Foundations of Insurance and Risk Management</td>
</tr>
<tr>
<td>FIN 4213</td>
<td>Investments</td>
</tr>
<tr>
<td>LS 4323</td>
<td>Estate Planning and Administration</td>
</tr>
<tr>
<td>FIN 4423</td>
<td>Employee Benefit Planning</td>
</tr>
<tr>
<td>FIN 4433</td>
<td>Case Studies in Financial Planning</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 3**

Selected from the following:

| FIN 2313 | Personal Finance |
| FIN 3563 | Fundamentals of Business Finance |
| FIN 4343 | Security Analysis |
| FIN 4353 | Case/Computer Applications in Finance |
| FIN 4383 | Real Estate Investment |
| ACCT 3333 | Income Tax Accounting |
| ACCT 3513 | Tax Planning |

Or other courses approved by the Finance Department Chair

#### Finance - Insurance and Risk Management ................................. 18

Minor Code: 2064

<table>
<thead>
<tr>
<th>Required courses</th>
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</thead>
<tbody>
<tr>
<td>FIN 3513</td>
<td>Risk Management for the Firm</td>
</tr>
<tr>
<td>FIN 3523</td>
<td>Foundations of Insurance and Risk Management</td>
</tr>
<tr>
<td>FIN 3553</td>
<td>Property and Liability Insurance for the Firm</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 9**

Selected from the following:

| FIN 3613 | Life and Health Insurance |
| FIN 4213 | Investments |
| FIN 4423 | Employee Benefit Planning |
| FIN 4513 | Public Sector Risk Management |
| FIN 4523 | Risk Control for the Firm |
| FIN 4533 | Risk Financing for the Firm |
| FIN 4950 | Internship in Finance |
| MATH 3133 | Theory of Interest I |
| MATH 4223 | Mathematics of Life Contingencies I |

Or other courses approved by the Finance Department Chair

#### Finance - Real Estate .............................................................. 18

Minor Code: 2067

<table>
<thead>
<tr>
<th>Required courses</th>
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</thead>
<tbody>
<tr>
<td>FIN 3413</td>
<td>Real Estate Principles</td>
</tr>
<tr>
<td>FIN 3473</td>
<td>Real Property Management</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 12**

Selected from the following:

| FIN 2313 | Personal Finance OR |
| FIN 3563 | Fundamentals of Business Finance |
| FIN 3423 | Real Estate Practice |
| FIN 3443 | Real Estate Appraising |
| FIN 3453 | Real Estate Finance |
| FIN 4373 | Advanced Real Estate Appraisal |
| FIN 4383 | Real Estate Investment |
| GEO 4603 | Urban Geography |
| HIST 3253 | History of the American City |
| LS 4173 | Law of Real Property |

Or other courses approved by the Finance Department Chair

#### Information Systems and Operations Management

**Information Systems and Operations Management - Business Analytics ......................................................... 18**

Minor Code: 2117

<table>
<thead>
<tr>
<th>Required courses</th>
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<tbody>
<tr>
<td>ISOM 3323</td>
<td>Business Analytics</td>
</tr>
<tr>
<td>ISOM 3123</td>
<td>Supply Chain Analytics</td>
</tr>
<tr>
<td>ECON 3123</td>
<td>Intermediate Business Statistics</td>
</tr>
<tr>
<td>ECON 4213</td>
<td>Quantitative Business Forecasting</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 6**

Select from the following:

| ISOM 2313 | Programming for Business Applications |
| ISOM 4303 | Programming for Analytics |
| ISOM 4503 | Developing SQL Server Database |
| ECON 4423 | Econometric Methods |

#### Information Systems and Operations Management - Management Information Systems ................................................. 21

Minor Code: 2119

<table>
<thead>
<tr>
<th>Required courses</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ISOM 3323</td>
<td>Business Analytics</td>
</tr>
<tr>
<td>ISOM 3373</td>
<td>Information Technology and System Software</td>
</tr>
<tr>
<td>ISOM 4163</td>
<td>Business Systems Analysis and Design</td>
</tr>
<tr>
<td>ISOM 4383</td>
<td>Data Visualization</td>
</tr>
<tr>
<td>ISOM 4303</td>
<td>Programming for Analytics</td>
</tr>
<tr>
<td>ISOM 4363</td>
<td>Information Systems Management</td>
</tr>
<tr>
<td>ISOM 4463</td>
<td>Managing and Troubleshooting Networks</td>
</tr>
<tr>
<td>ISOM 4503</td>
<td>Developing SQL Server Databases</td>
</tr>
<tr>
<td>ISOM 4513</td>
<td>Emerging Topics in Information Systems</td>
</tr>
<tr>
<td>ISOM 4910</td>
<td>Seminar (1-3 hours)</td>
</tr>
<tr>
<td>ISOM 4950</td>
<td>Internship (1-3 hours)</td>
</tr>
<tr>
<td>ACCT 3433</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>ISOM 3553</td>
<td>Case/Computer Applications in Finance</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 9**

Select from the following:

| ISOM 2313 | Programming for Business Applications |
| ISOM 3263 | Management Information Systems |
| ISOM 3343 | IT Security and Risk Management |
| ISOM 4333 | Project Management |

#### Information Systems and Operations Management - Operations and Supply Chain Management ................................. 18

Minor Code: 2118

<table>
<thead>
<tr>
<th>Required courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOM 3123</td>
<td>Supply Chain Analytics</td>
</tr>
<tr>
<td>ISOM 4043</td>
<td>Operations Planning and Control</td>
</tr>
<tr>
<td>ISOM 4353</td>
<td>Quality Assurance</td>
</tr>
<tr>
<td>ISOM 4843</td>
<td>Operations and Supply Chain</td>
</tr>
<tr>
<td>MRKT 3313</td>
<td>Business Logistics</td>
</tr>
</tbody>
</table>

**Elective courses ......................................................... 3**

Select from the following:

| ISOM 3363 | Business Problem Solving with Software |
| ISOM 4333 | Project Management |
| MRKT 4433 | Purchasing and Materials Management |
College of Business Minors - continued

International Business

International Business ......................................................... 18
Minor Code: 2137

Required courses ................................................................. 15
- MGMT 4253 International Business
- MGMT 4483 Diversity in the Workplace
- MRKT 4413 International Marketing
- ECON 4403 International Economics
- FIN 4273 International Finance

International Immersion Experience ...................................... 3
Select from the following:
- An additional Foreign Language (besides the one taken in the core)
- IB 4950 Internship in International Business
- IB 4970 Study Tour

Management

Management - Business Leadership ............................ 18
Minor Code: 2136

Required courses ................................................................. 9
- MGMT 3352 Broncho Business Leaders Initial Fall Seminar
- MGMT 3551 Broncho Business Leaders Initial Spring Seminar
- MGMT 4362 Broncho Business Leaders Advanced Fall Seminar
- MGMT 4561 Broncho Business Leaders Advanced Spring Seminar
- MGMT 4813 Strategic Management (with cohort)

Internship course ................................................................. 3
Select one from the following:
- ACCT 4950 Internship
- ECON 4950 Internship in Economics
- FIN 4950 Internship in Finance
- IB 4950 Internship in International Business
- ISOM 4950 Internship
- LS 4950 Internship in Legal Studies
- MGMT 4950 Internship in Management
- MRKT 4950 Internship
- PGM 4950 Internship in Management

International Business course ................................................ 3
Select one from the following:
- FIN 4970 Study Tour **
- MGMT 4970 Study Tour **
- LS 4970 Study Tour **
- MGMT 4483 Diversity in the Workplace
- MGMT 4253 International Business
- MRKT 4413 International Marketing
- ECON 4403 International Economics
- FIN 4273 International Finance

Elective Business course .................................................... 3
Any 4000-level course from the following prefixes: ACCT, BADM, BCOM, ECON, ENTR, FIN, IB, ISOM, LS, MGMT, MRKT, or PGM.

** May substitute for any College of Business Study Tour

Management - Entrepreneurship ................................. 18
Minor Code: 2138

Required courses ................................................................. 15
- ENTR 3203 Entrepreneurs: Startup Now
- ENTR 3223 Innovation and Creativity
- ENTR 4233 Idea to Opportunity
- ENTR 4553 New Venture Presentation OR
- MGMT 4263 Small Business Management

Management - Human Resource Management .................. 18
Minor Code: 2139

Required courses ................................................................. 15
- MGMT 3313 Human Resource Management
- MGMT 3413 Human Resource Compliance
- MGMT 4423 HR Training and Development
- MGMT 4503 Recruitment and Selection
- MGMT 4513 Compensation & Benefits

Elective courses ................................................................. 3
- MGMT 4203 Organizational Behavior
- MGMT 4213 Management Theory
- MGMT 4483 Diversity in the Workplace
- MGMT 4723 Strategic Human Resource Management
- FIN 4423 Employee Benefit Planning
- SFTY 3433 Introduction to OSHA

Any 3000/4000 MGMT course approved by the Department

Minimum GPA ...................................................................... 2.25

Management - Management ............................................ 18
Minor Code: 2135

Required courses ................................................................. 3
- MGMT 3103 Principles of Management

Elective Management ......................................................... 15
Select from the following:
- ENTR 3213 Innovation and Creativity
- MGMT 3133 Business Ethics
- MGMT 3313 Human Resource Management
- MGMT 4203 Organizational Behavior
- MGMT 4213 Management Theory
- MGMT 4253 International Business
- MGMT 4263 Small Business Management
- MGMT 4623 The Art of Leadership

Management - Strategy ..................................................... 18
Minor Code: 2129

Required courses ................................................................. 12
- MGMT 4213 Management Theory
- MGMT 4253 International Business
- MGMT 4823 Technology Strategy
- MGMT 4833 Corporate Strategy
College of Business Minors - continued

Elective courses ................................................................. 6
ACCT 3113 Managerial Accounting OR
ACCT 3413 Cost Accounting
ENTR 3203 Entrepreneurs: Startup Now
ENTR 3213 Innovation and Creativity
ENTR 3223 Innovation and Creating Wealth
ENTR 4023 Corporate Entrepreneurship
ENTR 4043 Technology Entrepreneurship
ENTR 4233 Idea to Opportunity
ISOM 3363 Business Problem Solving with Software
MGMT 4443 Innovation Management
FIN 3603 Financial Statement Analysis

Marketing ............................................................................ 18
Minor Code: 2159
Required courses ............................................................... 6
MRKT 3013 Principles of Marketing
MRKT 4813 Marketing Management
Elective Marketing ............................................................... 12
Select from the following:
Any MRKT course

Marketing - Professional Selling .......................................... 18
Minor Code: 2158
Required courses ............................................................... 12
MRKT 3013 Principles of Marketing
MRKT 3123 Professional Selling
MRKT 4133 Advanced Professional Selling
BCOM 4333 Negotiation
Elective courses ................................................................. 6
Selected from the following:
MRKT 3443 Business to Business Marketing
BCOM 4113 Interpersonal Communication
MRKT 4143 Sales Force Management
MRKT 4353 Marketing Ethics
MRKT 4433 Purchasing and Materials Management
MRKT 4463 Integrated Marketing Communication
MRKT 4900 Practicum in Professional Selling
MRKT 4910 Seminar in Marketing (3 hours)
MRKT 4950 Internship in Marketing

Military Science ................................................................... 18
Minor Code: 2179
Required courses ............................................................... 12
MLSC 3103 Advanced Military Science III Fall
MLSC 3153 Advanced Military Science III Spring
MLSC 4103 Advanced Military Science IV Fall
MLSC 4113 Advanced Military Science IV Spring
Elective Military Science courses ............................................ 3
U.S. Military History ............................................................ 3
HIST 4313 U.S. Military History to 1917 OR
HIST 4323 U.S. Military History Since 1900

Military Science - continued

Elective courses ................................................................. 6
MLSC 3103 Advanced Military Science III Fall
MLSC 3153 Advanced Military Science III Spring
MLSC 4103 Advanced Military Science IV Fall
MLSC 4113 Advanced Military Science IV Spring
Elective Military Science courses ............................................ 3
U.S. Military History ............................................................ 3
HIST 4313 U.S. Military History to 1917 OR
HIST 4323 U.S. Military History Since 1900

Military Science - continued

Elective courses ................................................................. 6
MLSC 3103 Advanced Military Science III Fall
MLSC 3153 Advanced Military Science III Spring
MLSC 4103 Advanced Military Science IV Fall
MLSC 4113 Advanced Military Science IV Spring
Elective Military Science courses ............................................ 3
U.S. Military History ............................................................ 3
HIST 4313 U.S. Military History to 1917 OR
HIST 4323 U.S. Military History Since 1900

Military Science - continued

Elective courses ................................................................. 6
MLSC 3103 Advanced Military Science III Fall
MLSC 3153 Advanced Military Science III Spring
MLSC 4103 Advanced Military Science IV Fall
MLSC 4113 Advanced Military Science IV Spring
Elective Military Science courses ............................................ 3
U.S. Military History ............................................................ 3
HIST 4313 U.S. Military History to 1917 OR
HIST 4323 U.S. Military History Since 1900
## College of Business Certificates

### Accounting Certificate

UCO Code: 2010

**Accounting Certificate** ......................................................... 48

**Required Courses** ................................................................. 27
- MATH 1453 Applied Algebra OR
- MATH 1513 College Algebra OR
- MATH 1533 Precalculus Algebra
- LS 3113 Legal & Ethical Environment of Business
- *ACCT 2113 Accounting I
- *ACCT 2133 Accounting II
- **ACCT 3213 Intermediate Accounting I
- ACCT 3233 Intermediate Accounting II
- ACCT 3333 Income Tax Accounting
- ACCT 3413 Cost Accounting
- ACCT 4363 Auditing

Accounting Electives (3000/4000 level) ................................. 15

- (ACCT 3113 and ACCT 3513 will not apply. ACCT 3433 Accounting Information Systems recommended.)

**Business Courses** ................................................................. 6

- Any 6 hours of the following: FIN 3563, ISOM 3323, BCOM 3143, MGMT 3103, MRKT 3013, ISOM 3263, and ISOM 3313. (FIN 3563 Fundamentals of Business Finance and/or ISOM 3323 Business Analytics suggested.)

* Requires a “C” or better grade to continue.
** Requires a “B” or better grade to continue.

At least 24 hours must be taken at UCO (exclusive of extra-institutional examination credit), including at least 15 hours of 3000/4000 level Accounting.

Courses applied toward one certificate program may not be applied toward a second certification program.

**Total hours required** ........................................................... 48

### Financial Planning Certificate

UCO code: 2070

**Financial Planning Certificate** ........................................... 42

**Required Courses:**
- MATH 1453 Applied Algebra OR
- MATH 1513 College Algebra OR
- MATH 1533 Precalculus Algebra
- MATH 2053 Math Analysis for Business
- ECON 2103 Principles of Microeconomics
- ACCT 2113 Accounting I
- ACCT 2133 Accounting II
- ECON 2173 Principles of Business Statistics
- ECON 2203 Principles of Macroeconomics
- ACCT 3513 Tax Planning
- FIN 3523 Foundations of Insurance and Risk Management
- FIN 3563 Fundamentals of Business Finance
- FIN 4213 Investments
- LS 4323 Estate Planning and Administration
- FIN 4423 Employee Benefit Planning
- FIN 4433 Case Studies in Financial Planning

**Total hours required** ........................................................... 42

### Minimum Grade Requirements

1. Average in all Accounting Certificate college course work ...... 2.25
2. Average in all Accounting course work ................................. 2.50
3. Average in the 3000/4000 level Accounting courses ............. 2.50
4. In ACCT 2113 and ACCT 2133 ........................................... “C”
5. In ACCT 3213 ................................................................. “B”

Minimum Education Requirements to sit for the CPA Examination in Oklahoma:

- Bachelor’s degree in any field.
- 150 credit hours, of which 76 credit hours were taken at the 3000/4000 level, of which at least 30 credit hours are 3000/4000 level Accounting courses.

Oklahoma has other non-educational requirements to apply to sit for the CPA Examination. The Oklahoma Accountancy Board can amend the requirements for candidates to take the CPA Examination at its discretion.

A student must consult with any other of the 54 jurisdictions if they want to take the CPA Examination in another state to determine if he or she meets the requirements for that particular state.
Military Science

Army ROTC

Through the Army Reserve Officers’ Training Corps Program (Army ROTC), the Department of Military Science offers two programs to qualified male and female students leading to commissions as Second Lieutenants in the U.S. Army, the Army National Guard or the U.S. Army Reserves.

The Four-Year Program

The 4-year program consists of a Basic Course and an Advanced Course. The Basic Course (MS-I and II) is normally taken in the freshman and sophomore years. This instruction introduces the student to national defense, mission and organization of the U.S. Army, role of the Army Officer, leadership, military courtesy and customs, marksmanship, mountaineering, survival and map reading. Classes meet two hours per week. Basic Course students are under no military obligation.

The Advanced Course (MS-III and IV) is normally taken during a student’s junior and senior years. For admission to the Advanced Course as an ROTC cadet, a student must have completed or received placement credit for the Basic Course and sign a contract. Advanced Course contracting is selective and based on specific criteria to include leadership potential.

Instruction includes leadership development, group dynamics, management, tactics and administration. Classes meet three hours a week. The Advanced Course includes a four-week Leader Development and Assessment Course that cadets attend during the summer between their junior and senior years.

All Basic and Advanced Course cadets are required to attend a weekly leadership lab and participate in physical training sessions three times per week.

Contracted cadets receive travel expenses and $20 per day for Advanced Camp. G.I. Bill, student loan repayment program, scholarships, and simultaneous membership program benefits are available to eligible students. Contract cadets agree to accept a commission as a Second Lieutenant, if offered, upon Advanced Course completion and to fulfill an initial military obligation in either the Active Army, Army National Guard or Army Reserve.

The Two-Year Program

The two-year program involves only the Advanced Course as described above. Students may qualify for the two-year program by attending a four-week basic ROTC summer camp or by being granted placement credit for prior military service. Graduate students may also be eligible.

GENERAL
1. Military Science (ROTC) at UCO is fully credited. All credits may apply toward graduation.
2. Military Science can be used as activity P.E. OR elective credit.
3. Free books are provided for Military Science classes in the Basic course.
4. Six hours academic credit can be earned for summer camp completed.
5. Basic Course Military Science classes may be taken by any student for academic credit. Participation as an ROTC cadet, however, requires specific qualifications. Contact the Military Science department for details.

SCHOLARSHIPS
Students may apply for ROTC scholarships which pay for all tuition, books, and fees, plus $300-$500 a month (tax free) for up to 10 months per year. High school seniors may apply for four-year scholarships up to December of their senior year. College students may apply for two- and three-year scholarships.

CROSS ENROLLMENT FOR OCU, LANGSTON, SNU and OCU

Full-time students at Oklahoma Christian University, Langston University, Southern Nazarene University, and Oklahoma City University may enroll in the Military Sciences courses at the University of Central Oklahoma. Students may also pursue a commission through the ROTC program at UCO while pursuing their degree full-time on their respective campuses.

Air Force ROTC

By agreement with the United States Air Force, eligible full-time students at the University of Central Oklahoma may participate in Air Force ROTC and be commissioned as a second lieutenant in the U.S. Air Force upon graduation. They remain students of and graduate from UCO, but are enrolled and commissioned through the Air Force ROTC program at either Oklahoma State University or the University of Oklahoma.

For more information about the Air Force ROTC unit at OSU, call 405-744-7744 or email afrotc@okstate.edu, or visit the web sites afrotc.okstate.edu or www.afrotc.com.

For more information about the Air Force ROTC unit at OU, contact the Unit Admissions Officer at 405-325-3211, or email det675@maxwell.af.mil, or visit the web site at www.ou.edu/rotc/air-force.