MANAGEMENT INFORMATION SYSTEMS: INFORMATION ASSURANCE, BSBA

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td></td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>or ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
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American History & Government

HIST 1103 | Survey of American History                              | 3     |
| or HIST 1483 | American History to 1865 (H)                              |       |
| or HIST 1493 | American History Since 1865 (DH)                         |       |

POLS 1113 | American Government                                     | 3     |

Analytical & Quantitative Thought (A)

MATH 1483 | Mathematical Functions and Their Uses (A)                | 3     |
| or MATH 1513 | College Algebra (A)                                     |       |

Humanities (H)

Courses designated (H)                                          | 6     |

Natural Sciences (N)

Must include one Laboratory Science (L) course

Courses designated (N) with one (L)                               | 7     |

Social & Behavioral Sciences (S)

Course designated (S)                                          | 3     |

Additional General Education

MATH 2103 | Business Calculus (A)                                    | 3     |

MGMT 3013 | Fundamentals of Management (S)                            | 3     |

MKTG 3213 | Marketing (S)                                            | 3     |

Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

At least one Diversity (D) course

At least one International Dimension (I) course

College/Departmental Requirements

Business Freshman Seminar

BADM 1111 | Business First Year Seminar                               | 1     |

Career Planning for Business Success

BADM 2111 | Career Planning for Business Success                      | 1     |

Professional Development for Business Development

BADM 3111 | Professional Development for Business Success            | 1     |

Hours Subtotal                                              | 40     |

Major Requirements

A minimum GPA of 2.20 is required in these 66 hours

Common Body

ACCT 2003 | Survey of Accounting                                      | 3     |

or ACCT 2103 | Financial Accounting                                     |       |

& ACCT 2203 | Managerial Accounting                                    |       |

BADM 3113 | Interpersonal Skills                                      | 3     |

ECON 2003 | Microeconomic Principles for Business                    | 3     |

EEE 2023 | Introduction to Entrepreneurship                          | 3     |

FIN 3113 | Finance                                                  | 3     |

LSB 3213 | Legal and Regulatory Environment of Business            | 3     |

MGMT 4513 | Strategic Management                                     | 3     |

MSIS 2103 | Business Data Science Technologies                       | 3     |

MSIS 3223 | Principles of Data Analytics                             | 3     |

Management Information Systems Major Requirements

A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements

20 of these 39 hours must be in residence at OSU

MSIS 2203 | Computer Programming for Business                        | 3     |

MSIS 3363 | Web Application Development                              | 3     |

Select one of the following:                                     | 3     |

MSIS 3233 | Management Science - Prescriptive Analytics              |       |

MSIS 3243 | Descriptive Analytics                                    |       |

MSIS 4263 | Business Intelligence and Predictive Analytics           |       |

MSIS 4623 | Data Science Programming                                 |       |

MSIS 4673 | Data Visualization                                       |       |

MSIS 4133 | Information Technologies for Electronic Commerce         | 3     |

or MSIS 4363 | Advanced Application Development                        |       |

MSIS 3333 | Database Systems Design, Management and Administration   | 3     |

MSIS 4033 | Information Systems Project Management and Communication | 3     |

MSIS 4123 | Information Assurance Management                         | 3     |

MSIS 4523 | Data Communication Systems                               | 3     |

Select 9 hours of the following:                                  | 9     |

MSIS 4233 | Applied Information Systems Security                     |       |

MSIS 4243 | Digital Forensics and Auditing                           |       |

MSIS 4253 | System Certification and Accreditation                    |       |

MSIS 4273 | Legal and Ethical Issues in Information Systems          |       |

MSIS 4713 | Scripting Essentials                                    |       |

Select 3 hours of the following:                                 | 3     |

ACCT 3103 | Intermediate Accounting I                               |       |

ACCT 3113 | Intermediate Accounting II                              |       |

ACCT 3203 | Cost Accounting                                         |       |

ACCT 3603 | Accounting Information Systems                          |       |
Management Information Systems: Information Assurance, BSBA

ACCT 4503  External Auditing
ACCT 4653
CS 2133  Computer Science II
CS 2351  Unix Programming
CS 2433  C/C++ Programming
Any upper-division CS courses except CS 4113 and CS 4883.
ECON 3313  Money and Banking
ECON 4213  Econometric Methods
ECON 4223  Business and Economic Forecasting
FIN 4223  Investments
FIN 4333  Financial Management
IEM 4723  Information Systems Design and Development
MGMT 3313  Human Resource Management
MKTG 3323  Consumer and Market Behavior
MKTG 3513  Sales Management
MKTG 4223  Supply Chain Management
MKTG 4333  Marketing Research
MKTG 4773  Services Marketing
Any upper-division MSIS
STAT 3013  Intermediate Statistical Analysis
STAT 4043  Applied Regression Analysis

Hours Subtotal  66

Electives
Select 11 hours \(^3\)  11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Hours Subtotal  11

Total Hours  120

1. Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.
2. MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.
3. If ACCT 2103 and ACCT 2203 are substituted for ACCT 2003, hours in the Elective block are reduced by 3.

Other Requirements
1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper-division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.