MANAGEMENT INFORMATION SYSTEMS: INFORMATION ASSURANCE, BSBA

Requirements for Students Matriculating in or before Academic Year 2018-2019. 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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</thead>
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<tr>
<td></td>
<td>General Education Requirements</td>
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<td></td>
<td><strong>English Composition</strong></td>
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<td></td>
<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a>)</td>
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<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
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<tr>
<td>ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
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<td>ENGL 1213</td>
<td>Composition II</td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
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<tr>
<td></td>
<td><strong>American History &amp; Government</strong></td>
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<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
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<tr>
<td>POLS 1113</td>
<td>American Government</td>
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<td></td>
<td><strong>Analytical &amp; Quantitative Thought (A)</strong></td>
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<tr>
<td>MATH 1483</td>
<td>Mathematical Functions and Their Uses (A)</td>
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<td>MATH 1513</td>
<td>College Algebra (A)</td>
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<td><strong>Humanities (H)</strong></td>
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<td>Courses designated (H)</td>
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<td><strong>Natural Sciences (N)</strong></td>
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<td>Must include one Laboratory Science (L) course</td>
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<td>Courses designated (N) with one (L)</td>
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<td><strong>Social &amp; Behavioral Sciences (S)</strong></td>
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<td><strong>Additional General Education</strong></td>
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<tr>
<td>MATH 2103</td>
<td>Business Calculus (A)</td>
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<tr>
<td>MGMT 3013</td>
<td>Fundamentals of Management (S)</td>
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<td>MKTG 3213</td>
<td>Marketing (S)</td>
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<td><strong>Hours Subtotal</strong></td>
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<td><strong>Diversity (D) &amp; International Dimension (I)</strong></td>
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<td>May be completed in any part of the degree plan</td>
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<td>At least one Diversity (D) course</td>
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<td>At least one International Dimension (I) course</td>
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<td><strong>College/Departmental Requirements</strong></td>
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<td></td>
<td><strong>Business Freshman Seminar</strong></td>
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<td>BADM 1111</td>
<td>Business First Year Seminar</td>
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<td><strong>Career Planning for Business Success</strong></td>
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<td>BADM 2111</td>
<td>Career Planning for Business Success</td>
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<td></td>
<td><strong>Professional Development for Business Development</strong></td>
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<td>BADM 3111</td>
<td>Professional Development for Business Success</td>
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Major Requirements
A minimum GPA of 2.20 is required in these 66 hours

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<th>Code</th>
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<tr>
<td>ACCT 2003</td>
<td>Survey of Accounting</td>
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<tr>
<td>BADM 3113</td>
<td>Interpersonal Skills</td>
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<td>ECON 2003</td>
<td>Microeconomic Principles for Business</td>
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<tr>
<td>EEE 2023</td>
<td>Introduction to Entrepreneurship</td>
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<tr>
<td>FIN 3113</td>
<td>Finance</td>
<td>3</td>
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<tr>
<td>LSB 3213</td>
<td>Legal and Regulatory Environment of Business</td>
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<tr>
<td>MGMT 4513</td>
<td>Strategic Management</td>
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<tr>
<td>MSIS 2103</td>
<td>Business Data Science Technologies</td>
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<tr>
<td>MSIS 3223</td>
<td>Operation Analytics</td>
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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

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<thead>
<tr>
<th>Code</th>
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<tr>
<td>MSIS 2203</td>
<td>Computer Programming for Business</td>
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<td>MSIS 3363</td>
<td>Web Application Development</td>
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<td>Select one of the following:</td>
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<tr>
<td></td>
<td>MSIS 3233</td>
<td>Management Science - Prescriptive Analytics</td>
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<td>MSIS 3243</td>
<td>Managerial Decision Theory</td>
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<td></td>
<td>MSIS 4263</td>
<td>Decision Support and Business Intelligence Applications</td>
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<td>MSIS 4623</td>
<td>Data Science Programming</td>
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<td>MSIS 4673</td>
<td>Data Visualization</td>
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<td>MSIS 4133</td>
<td>Information Technologies for Electronic Commerce</td>
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<td>MSIS 4363</td>
<td>Advanced Application Development</td>
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<td>MSIS 3333</td>
<td>Database Systems Design, Management and Administration</td>
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<td>MSIS 4003</td>
<td>Systems Analysis and Design</td>
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<td>MSIS 4033</td>
<td>Information Systems Project Management and Communication</td>
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<td>MSIS 4123</td>
<td>Information Assurance Management</td>
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<td>MSIS 4523</td>
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<td>MSIS 4233</td>
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<td>MSIS 4243</td>
<td>Digital Forensics and Auditing</td>
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<td>MSIS 4253</td>
<td>System Certification and Accreditation</td>
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<td>MSIS 4273</td>
<td>Legal and Ethical Issues in Information Systems</td>
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<td>MSIS 4713</td>
<td>Scripting Essentials</td>
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<td>Select 3 hours of the following:</td>
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<td>ACCT 3103</td>
<td>Intermediate Accounting I</td>
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<td>ACCT 3113</td>
<td>Intermediate Accounting II</td>
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<td>ACCT 3203</td>
<td>Cost Accounting</td>
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<td>ACCT 3603</td>
<td>Accounting Information Systems</td>
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<td>ACCT 4503</td>
<td>Auditing and Assurance Services</td>
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<td>ACCT 4653</td>
<td>Contemporary Integrated Accounting and Business Systems</td>
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<td>CS 2133</td>
<td>Computer Science II</td>
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<td>CS 2351</td>
<td>Unix Programming</td>
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<td>CS 2433</td>
<td>C/C++ Programming</td>
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<tr>
<td>Any upper-division</td>
<td>CS courses except CS 4113 and CS 4883</td>
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<tr>
<td>ECON 3313</td>
<td>Money and Banking</td>
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<td>ECON 4213</td>
<td>Econometric Methods</td>
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<td>ECON 4223</td>
<td>Business and Economic Forecasting</td>
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<td>FIN 4223</td>
<td>Investments</td>
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<td>FIN 4333</td>
<td>Financial Management</td>
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<td>IEM 4723</td>
<td>Information Systems Design and Development</td>
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<td>MGMT 3313</td>
<td>Human Resource Management</td>
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<td>MKTG 3323</td>
<td>Consumer and Market Behavior</td>
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<td>MKTG 3513</td>
<td>Sales Management</td>
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<td>MKTG 4223</td>
<td>Supply Chain Management</td>
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<td>MKTG 4333</td>
<td>Marketing Research</td>
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<tr>
<td>MKTG 4773</td>
<td>Services Marketing</td>
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<tr>
<td>MSIS</td>
<td>any upper division courses</td>
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<td>STAT 3013</td>
<td>Intermediate Statistical Analysis</td>
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<td>STAT 4043</td>
<td>Applied Regression Analysis</td>
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<td><strong>Hours Subtotal</strong></td>
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**Electives**
Select 11 hours  
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.

**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 2024.