MANAGEMENT INFORMATION SYSTEMS, MS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college/#70).

Total Hours: 34 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Degree Core</strong></td>
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<td></td>
<td><strong>Required Courses</strong></td>
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<tr>
<td>MSIS 5223</td>
<td>Programming for Data Science and Analytics II</td>
<td>3</td>
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<tr>
<td>MSIS 5503</td>
<td>Statistics for Data Science</td>
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<tr>
<td>MSIS 5600</td>
<td>Special Projects in Business Information Systems (Not required for part-time students)</td>
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<tr>
<td>MSIS 5623</td>
<td>Information and Network Technology Management</td>
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<tr>
<td>MSIS 5643</td>
<td>Advanced Database Management</td>
<td>3</td>
</tr>
<tr>
<td>MSIS 5663</td>
<td>Data Warehousing</td>
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<tr>
<td>MSIS 5673</td>
<td>Descriptive Analytics and Visualization</td>
<td>3</td>
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<tr>
<td>MSIS 5900</td>
<td>Practicum in Management Information Systems (Part-time students can replace with alternative 5000-level course)</td>
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<td><strong>Electives</strong></td>
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<td><strong>Suggested Electives</strong></td>
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<tr>
<td>MSIS 5033</td>
<td>Information Systems Project Management</td>
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<tr>
<td>MSIS 5133</td>
<td>Advanced Web Based Application Development</td>
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<td>MSIS 5213</td>
<td>Information Assurance Management</td>
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<tr>
<td>MSIS 5243</td>
<td>Information Technology Forensics</td>
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<td>MSIS 5273</td>
<td>Legal and Ethical Issues in Information Technology</td>
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<td>MSIS 5303</td>
<td>Prescriptive Analytics</td>
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<td>MSIS 5633</td>
<td>Predictive Analytics Technologies</td>
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<td>MSIS 5683</td>
<td>Big Data Advanced Analytics Technologies</td>
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<td>MSIS 5950</td>
<td>Advanced Practicum</td>
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<td><strong>Total Hours</strong></td>
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</table>

Appropriate substitutes, such as other upper-division Spears School of Business courses or upper-division courses from other colleges, can be made on a case-by-case basis.

Graduate College Master's Program Requirements

Learn more about Graduate College 2020-2021 Master's Degree Program Requirements (http://catalog.okstate.edu/graduate-college/). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.