Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

Total Hours: 32 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETM 5111</td>
<td>Introduction to Strategy, Technology and Integration</td>
<td>1</td>
</tr>
<tr>
<td>ETM 5511</td>
<td>Capstone Preparation</td>
<td>1</td>
</tr>
<tr>
<td>ETM 5133</td>
<td>Capstone to Strategy, Technology and Integration</td>
<td>3</td>
</tr>
<tr>
<td>ETM 5143</td>
<td>Strategic Decision Analysis for Engineering and Technology Managers</td>
<td>3</td>
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</tbody>
</table>

**Hours Subtotal**: 8

**Electives**: Select 24 hours from the following:

- ETM 5221 Engineering Teaming
- ETM 5241 Strategic Project Management
- ETM 5291 Failure Mode and Effects Analysis in Design
- ETM 5341 Leadership Strategies for Technical Professionals
- ETM 5351 Planning Technical Projects
- ETM 5371 Ethics for Practicing Engineers
- ETM 5391 New Product Introduction and Commercialization
- ETM 5411 Engineering Economic Analysis
- ETM 5461 Intellectual Property Management
- ETM 5481 Sustainable Enterprise Strategies
- ETM 5531 Contract Law in Engineering and Technology
- ETM 5153 Foundations of Engineering Management
- ETM 5163 Business Innovation and Technology
- ETM 5253 Engineering Problem Solving and Decision-Making
- ETM 5283 Strategic Planning
- ETM 5943 Lean Sigma Implementation
- IEM 5413 Managing the Engineering and Technical Function
- IEM 5603 Project Management
- IEM 5743 Information Systems and Technology
- IEM 5763 Supply Chain Strategy
- IEM 5813 Performance Measurement Systems
- MGMT 5113 Management and Organization Theory
- MGMT 5533 Leadership Challenges
- MKTG 5133 Marketing Management

**Hours Subtotal**: 24

**Total Hours**: 32

**General Graduate College Requirements**
- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses
- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements

**Additional Graduate College Masters Degree Requirements**

**Plan I (coursework with thesis)**
- A minimum of 30 credit hours
  - A minimum of 24 coursework credit hours comprised of:
    - 6 research or creative component credit hours
    - 21 in-residence credit hours (maximum of 9 transfer hours with "B" or better)
  - 21 credit hours at 5000- or 6000-level

**Plan II (coursework without thesis)**
- A minimum of 32 credit hours
  - A maximum of 3 credit hours of research or creative component
  - A minimum of 23 in-residence credit hours (maximum of 9 transfer credit hours with "B" or better)
  - A minimum of 21 credit hours at the 5000- or 6000-level