Master of Engineering: Engineering Data Analytics

The University of Wisconsin-Madison is excited to launch the Master of Engineering: Engineering Data Analytics degree with the first class starting in Fall 2017. In this program, you will:

- Complete a flexible course plan in data analytics, engineering courses, and professional development
- Learn foundations of data analytics and how to use these skills within your engineering discipline

**Degree at a Glance**

- **Credits:** 30 Credits  
  **Delivery:** Online
- **Time Frame:** 2-4 years  
  **Tuition:** $1300 per credit
- **Degree Conferred:** Master of Engineering

The degree can be completed in 2 years. Students complete 30 credits in the following areas:

**Take fifteen Data Analytics credits.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>LIS 751</td>
<td>Database Design &amp; Management</td>
</tr>
<tr>
<td>ISyE 412</td>
<td>Industrial Data Analytics</td>
</tr>
<tr>
<td>ME 759</td>
<td>High-Performance Computing for Applications in Engineering</td>
</tr>
<tr>
<td>EPD 416</td>
<td>Engineering Applications of Statistics</td>
</tr>
<tr>
<td>NEW</td>
<td>Data Communication and Visualization</td>
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**Choose at least twelve credits within one or multiple engineering concentrations.**

<table>
<thead>
<tr>
<th>Management</th>
<th>Manufacturing</th>
<th>Engine Systems</th>
<th>Controls</th>
<th>Power</th>
<th>Polymers</th>
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<tbody>
<tr>
<td>Engineering Law</td>
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**Choose one to five one-credit courses in Professional Development to reach 30 credits.**

<table>
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<tr>
<th>Connected Learning (required)</th>
<th>Organizational Communication</th>
<th>Ethics for Professionals</th>
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<tbody>
<tr>
<td>Presentations for Professionals</td>
<td>Change Management</td>
<td>Key Legal Concepts for Professionals</td>
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<tr>
<td>Marketing for Non-Marketing Professionals</td>
<td>Leading Teams</td>
<td>Effective Negotiations</td>
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<td></td>
<td>Creating Breakthrough Innovations</td>
<td>Financial and Business Acumen</td>
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Program curriculum and course availability are subject to change.  
Coordinate eligibility for electives with Program Director.