Biological and Agricultural Engineering (MS): Systems Analysis Concentration

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
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</tr>
<tr>
<td>BAE 591</td>
<td>Master's Research Methods I</td>
<td>2</td>
<td></td>
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<tr>
<td>BAE 592</td>
<td>Master's Research Methods II</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Math / Statistics / Biomathematics Courses</td>
<td>6</td>
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<tr>
<td></td>
<td>The required &quot;Mathematics / Statistics / Biomathematics Courses&quot; are determined in conjunction with the academic committee</td>
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<tr>
<td></td>
<td>Elective Courses¹,²</td>
<td>22</td>
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<td></td>
<td>&quot;Elective Courses&quot; are determined in conjunction with the academic committee to meet the 30 total credit hours</td>
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<tr>
<td></td>
<td>Total Hours</td>
<td>30</td>
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<tr>
<td>¹</td>
<td>Minimum of 20 credit hours must come from 500-level and above courses</td>
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<td>²</td>
<td>Maximum 6 hours S/U graded courses</td>
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Concentration Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>A minimum of 6 hours of elective courses must be taken from the following courses:</td>
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<tr>
<td>BAE 501</td>
<td>Sensors and Controls</td>
<td>3</td>
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<tr>
<td>BAE 527/427</td>
<td>Metabolic Systems Analysis</td>
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<tr>
<td>BAE 535</td>
<td>Precision Agriculture Technology</td>
<td>3</td>
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<td>BAE 541</td>
<td>Foundation Tools to Agriculture, Food and Life Sciences Data</td>
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<tr>
<td>BAE 542/542</td>
<td>Advanced Analytics to Agriculture, Food and Life Sciences Data</td>
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</table>

Faculty

Michael D. Boyette
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Michael R. Burchell II
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Garey Alton Fox
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John J. Classen
Barbara A. Doll
Steven George Hall
Praveen Kolar
Celso Francisco Castro Bolinaga
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Adjunct Assistant Professor
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