Biological and Agricultural Engineering (PhD): Systems Analysis Concentration

Degree Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAE 791</td>
<td>Doctoral Research Methods I</td>
<td>5</td>
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<tr>
<td>BAE 792</td>
<td>Doctoral Research Methods II</td>
<td></td>
<td></td>
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<tr>
<td>BAE 885</td>
<td>Doctoral Supervised Teaching</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>Mathematics / Statistics / Biomathematics Courses</strong></td>
<td>6</td>
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<tr>
<td></td>
<td>&quot;Mathematics / Statistics / Biomathematics Courses&quot; are determined in conjunction with the academic committee</td>
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<td></td>
<td><strong>Minor Courses</strong></td>
<td>9</td>
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<tr>
<td></td>
<td>Students must select a minor, by which courses are determined in conjunction with the academic committee</td>
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<tr>
<td></td>
<td><strong>Elective Courses</strong></td>
<td>52</td>
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<td></td>
<td>&quot;Elective Courses&quot; are determined in conjunction with the academic committee to meet the 72 total credit hours</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td>72</td>
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</table>

1 Students with a previous Master's Degree are only required to complete 54 total hours

Concentration Elective Courses

<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>
<td></td>
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<tr>
<td>BAE 527/427</td>
<td>Metabolic Systems Analysis</td>
<td>3</td>
<td></td>
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<tr>
<td>BAE 535</td>
<td>Precision Agriculture Technology</td>
<td>3</td>
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</tbody>
</table>

Faculty

Michael D. Boyette
Michael R. Burchell II
Jay Jiayang Cheng
Mari S. Chinn
Garey Alton Fox
Scott A. Hale
William F. Hunt III
Lingjuan Wang Li
Gary T. Roberson
Sanjay Bikram Shah
Mohamed A. Youssef
Wenqiao Yuan
Francois Philippe Birgand
John J. Classen
Barbara A. Doll
Steven George Hall
Praveen Kolar
Celso Francisco Castro Bolinaga
Grant H. Ellington
Lucie S. G. Guertault
Daniela Jones
Suzanne McKay Leonard
Chad Ashley Poole
Natalie G. Nelson Sagues
Chadi Sayde
Mahmoud A. N. A. N. Sharara
Jason Kellam Ward
Sierra Young

Practice/Research/Teaching Professors
Otto DeBruhl Simmons III

George Maynard Chescheir III
Robert O. Evans Jr.
Garry L. Grabow
Rodney L. Huffman
Gregory Donald Jennings
Richard W. Skaggs
Jean Spooner
Larry F. Stikeleather
Daniel H. Willits

Adjunct Professors
Christopher R Daubert
Sheila Marie Saia
Ratna Rani Sharma