Applied Engineering M.S.A.E. (Concentration in Mechatronics) (Non-Thesis)

Degree Requirements: 30 Credit Hours (Non-Thesis)

Admission Requirements

Regular
1. Completed requirements for the Bachelor's degree at a college or university accredited by the proper regional accrediting association.
2. An undergraduate degree or the equivalent in the proposed or closely related field of study.
3. A 2.75 (4.0 scale) cumulative grade point average or higher on courses in undergraduate work, or equivalent
4. International students must meet College of Graduate Studies English Proficiency requirements.

Provisional
Non-degree students are accepted on an individual basis as space is available.

Non-Degree
Non-degree students are accepted on an individual basis as space is available.

Program Concentrations

A minimum of 50% of courses for the Master of Science in Applied Engineering degree must be taken at or above the 6000 level.

Degree Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 5530G</td>
<td>Mathematics for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>MENG 7137</td>
<td>Principles of Modeling and Simulation</td>
<td>3</td>
</tr>
<tr>
<td>TMAE 7136</td>
<td>Mechatronics I</td>
<td>3</td>
</tr>
<tr>
<td>TMAE 7137</td>
<td>Mechatronics II</td>
<td>3</td>
</tr>
<tr>
<td>TMAE 7530</td>
<td>Research in Applied Engineering</td>
<td>3</td>
</tr>
<tr>
<td>TMAE 7891</td>
<td>Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

Restricted Elective courses at or above the 5000G level as contracted with the faculty advisor and degree coordinator: 12

Total Credit Hours: 30

The MSAE concentration in Mechatronics is no longer accepting incoming students. Please visit the catalog page for the MS in Mechanical Engineering degree program to begin your advanced studies in this area.