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>Restricted Elective courses at or above the 5000G level as contracted with the faculty advisor and degree coordinator</td>
<td>12</td>
<td></td>
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<tr>
<td>TMAE 7891</td>
<td>Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

Other Non-Thesis Requirements

Comprehensive Exam

Total Credit Hours 30

Advisement

Allen E. Paulson College of Engineering and Computing