Applied Engineering
M.S.A.E. (Concentration in Energy Science) (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
A student may be granted provisional admission based upon the recommendation of the Master of Science in Applied Engineering Graduate Coordinator or department chair.

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>Core Requirements</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 5530G Mathematics for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>MENG 7137 Principles of Modeling and Simulation</td>
<td>3</td>
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<tr>
<td>TMAE 7136 Mechatronics I</td>
<td>3</td>
</tr>
<tr>
<td>TMAE 7530 Research in Applied Engineering</td>
<td>3</td>
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<tr>
<td>Restricted Elective courses at or above the 5000G level as contracted with the faculty advisor and degree coordinator</td>
<td>15</td>
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<tr>
<td>TMAE 7891 Independent Study</td>
<td>3</td>
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</tbody>
</table>

Other Non-Thesis Track Requirements

Comprehensive Exam
Total Credit Hours 30

Advisement
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