Applied Engineering M.S.A.E. (Concentration in Information Technology) (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.
5. In addition to the above requirements, admission to the Master of Science in Applied Engineering program with a concentration in Information Technology also requires:
   (a) two years of work experience in the IT field if the undergraduate degree is not in information technology, information systems, computer science or a closely related field; and
   (b) a competitive score on the GRE or GMAT exam.

The GRE or GMAT exam may be waived if the applicant has three or more years of work experience in IT or a closely related field.

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: 30 Credit Hours (Non-Thesis)

Core Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISM 7330</td>
<td>Information Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>or TMAE 7531</td>
<td>Technical Management and Leadership</td>
<td>3</td>
</tr>
<tr>
<td>IT 7090</td>
<td>Selected Topics in Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>or IT 7130</td>
<td>IT Governance</td>
<td>3</td>
</tr>
<tr>
<td>or IT 7131</td>
<td>Data Science Methods</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>18</td>
<td></td>
</tr>
<tr>
<td>IT 7891</td>
<td>Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

Other Requirements

Comprehensive Exam

Total Credit Hours

30

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