Course requirements are listed below by semester. For advising and planning purposes, please (i) check (✓) the courses for which you are currently enrolled (or enrolling) and (ii) record your grade for each course previously completed.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tr>
<td>APMA 1110</td>
<td>Single Var Calculus</td>
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<tr>
<td>CHEM 1610</td>
<td>Intro Chem for Engr</td>
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<td>CHEM 1611</td>
<td>Intro Chem Lab</td>
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<td>ENGR 1620</td>
<td>Intro to Engineering</td>
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<td>STS 1500</td>
<td>Sci, Tech, &amp; Cntmp Iss</td>
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<td>SYS 3021</td>
<td>Determ Decision Models</td>
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<td>SYS 3023</td>
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<td>STS &amp; Engr Practice</td>
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<td>SYS 4021</td>
<td>Linear Statistical Models</td>
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128 credits – minimum required for graduation

1. Suitable science elective I courses are shown on SEAS approved list.
2. Suitable advanced science electives should be chosen from 2000, 3000, and 4000 level science or mathematics courses approved for science majors. See list on SIE website for details.
3. Nine credits of humanities and social science electives should be selected in a related subject area of humanities and social sciences. See link to appropriate courses on SIE website.
4. Nine credits of applications electives should be selected in a related applications area of systems engineering. See lists on SIE website.
5. Technical electives – see technical electives policy on SIE website.

Revised 10/24/11