See University Curriculum requirements in the Undergraduate Catalog.

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>Courses</th>
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<tr>
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<td>CEE 1302 – Introduction to Civil &amp; Environmental Engineering</td>
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<td>CEE 2310 – Statics</td>
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<td>CEE 2340 – Mechanics of Deformable Bodies</td>
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<td>CEE 3323 – Water Resources Engineering</td>
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<td>CEE 3350 – Structural Analysis</td>
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<td>CEE 3385 – Soil Mechanics &amp; Foundations</td>
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<td>CEE 4350 – Design of Steel Structures</td>
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<td>CEE 4351 – Design of Concrete Structures</td>
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<td>CEE 5378 – Transportation Engineering &amp; Traffic Planning</td>
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<th>MATHEMATICS/STATISTICS</th>
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<td>MATH 2343 – Elementary Differential Equations</td>
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<td>STAT 4340 or STAT 5340– Statistical Methods for Engineers &amp; Applied Scientists</td>
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<th>BASIC ENGINEERING</th>
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<td>CEE 2320 – Dynamics</td>
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<td>CEE 2331 – Thermodynamics</td>
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<td>CEE 2342 – Fluid Mechanics</td>
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### SCIENCE

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<tr>
<td>CHEM 1303 – General Chemistry I</td>
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<td>CHEM 1113 – General Chemistry Laboratory I</td>
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<td>CHEM 1304 – General Chemistry II</td>
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<td>CHEM 1114 – General Chemistry Laboratory II</td>
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<td>PHYS 1303 – Introductory Mechanics</td>
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<td>PHYS 1105 – General Physics Laboratory I</td>
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<td>PHYS 1304 – Introductory Electricity &amp; Magnetism</td>
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<td>PHYS 1106 – General Physics Laboratory II</td>
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<td>GEOL 1301 or GEOL 1315 or ANTH 2363</td>
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### FOR DUAL MATH DEGREE

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<td>MATH 3315 – (CSE 3365) Introduction to Scientific Computing</td>
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<td>MATH 3337 – Advanced Mathematics for Science and Engineering</td>
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**White Degree Plan** (For advising **ONLY**!)

**Blue Degree Plan** (For graduating seniors **ONLY**: Due at the beginning of the graduating semester.)

### GRADUATION CERTIFICATION:

<table>
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<th>Advisor</th>
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<table>
<thead>
<tr>
<th>Dept. Chair or Associate Chair</th>
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<table>
<thead>
<tr>
<th>Assistant Dean</th>
<th>Date</th>
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^Advisor’s approval required when enrolling in dual CEE/MATH advanced electives; CEE 5361, CEE 5364 or ME 5322.

^Advanced math electives must be approved by the student’s math advisor.