## GENERAL ENGINEERING

### Recommended course plan

<table>
<thead>
<tr>
<th>YEAR</th>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
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<td></td>
<td><strong>FRESHMAN</strong></td>
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<td></td>
<td>Writ 101 – First Year Writing I</td>
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<td></td>
<td>Chem 105/115 – General Chemistry I, Lab</td>
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<td>Chem 106/116 – General Chemistry II, Lab</td>
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<td>Math 261 – Calculus I</td>
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<td></td>
<td>ENGR 100 – Intr. to Engineering</td>
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<td>CSCI 251 – Programming for Engineering</td>
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<td>Fine Arts, Humanities or Social Science</td>
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<td><strong>SOPHOMORE</strong></td>
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<td>Math 263 – Calculus III</td>
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<td>Phys 211/221 – Calc-based Physics, Lab</td>
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<td>Math 353 – Differential Equations</td>
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<td>ENGR 309 – Statics</td>
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<td>Phys 212/222 – Calc-based Physics, Lab</td>
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<td>ENGR 321 – Thermodynamics</td>
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<td>ENGR 313 – Materials Science</td>
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<td>ENGR 323 – Fluid Mechanics</td>
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<td>ENGR 314 – Materials Sciences Lab</td>
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<td>ENGR 310 – Engineering Analysis I</td>
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<td>ENGR 360 – Electric Circuit Theory</td>
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<td>Engr 312 – Mechanics of Materials</td>
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<td>ENGR 330 – Engineering Systems Analysis</td>
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<td>ENGR 450 – Project Design &amp; Development</td>
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<td>ENGR 400 – Leadership &amp; Professionalism</td>
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<td>ECON 310 – Engineering Economy</td>
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<td><strong>MINIMUM TOTAL CREDIT HOURS</strong></td>
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Visit [catalog.olemiss.edu/engineering/programs](catalog.olemiss.edu/engineering/programs) for full course information.