## PRE-NUCLEAR ENGINEERING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
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</tr>
<tr>
<td>CH 201</td>
<td>CHEMISTRY FOR ENGINEERING MAJORS</td>
<td>3</td>
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<tr>
<td>CH 202</td>
<td>CHEMISTRY FOR ENGINEERING MAJORS</td>
<td>3</td>
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<tr>
<td>COMM 111 or COMM 114</td>
<td>*PUBLIC SPEAKING</td>
<td>3</td>
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<tr>
<td>COMM 111 or COMM 114</td>
<td>or *ARGUMENT AND CRITICAL DISCUSSION</td>
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<tr>
<td>HHS 231</td>
<td>*LIFETIME FITNESS FOR HEALTH</td>
<td>2</td>
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<tr>
<td>HHS 241</td>
<td>*LIFETIME FITNESS (or any PAC course)</td>
<td>1/2</td>
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<tr>
<td>MTH 251</td>
<td>*DIFFERENTIAL CALCULUS</td>
<td>4</td>
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<tr>
<td>MTH 252</td>
<td>INTEGRAL CALCULUS</td>
<td>4</td>
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<tr>
<td>MTH 254</td>
<td>VECTOR CALCULUS</td>
<td>4</td>
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<tr>
<td>NSE 114</td>
<td>INTRO TO NUCLEAR ENGINEERING AND RADIATION HEALTH PHYSICS I</td>
<td>3</td>
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<tr>
<td>NSE 115</td>
<td>INTRO TO NUCLEAR ENGINEERING AND RADIATION HEALTH PHYSICS II</td>
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<tr>
<td>PH 211</td>
<td>*GENERAL PHYSICS WITH CALCULUS</td>
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<tr>
<td>PHL 205</td>
<td>*ETHICS</td>
<td>4</td>
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<tr>
<td>WR 121</td>
<td>*ENGLISH COMPOSITION</td>
<td>3</td>
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<tr>
<td>Perspectives Courses</td>
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<tr>
<td><strong>Second Year</strong></td>
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<tr>
<td>ENGR 201</td>
<td>ELECTRICAL FUNDAMENTALS</td>
<td>3</td>
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<td>ENGR 211</td>
<td>STATICS</td>
<td>3</td>
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</tbody>
</table>

1 Required for entry into the professional program.
2 Must be selected to satisfy baccalaureate core requirements.
* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Pre-Nuclear Engineering Major Code: 357