RADIOLOGICAL HEALTH ENGINEERING - MINOR

The Department of Nuclear Engineering offers a minor in Radiological Health Engineering. Expanding and emerging nuclear applications have created a strong demand for specialists in radiological health engineering. Well-educated individuals are, and will be, required in all aspects of the nuclear power industry from mining all the way to disposal of wastes from spent fuel. There are needs for radiological health specialists in government, hospitals, educational institutions and private industry. This program at Texas A&M is designed to give students a broad background so they will be able to assume positions in any area of the nuclear industry.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUEN 301</td>
<td>Nuclear Reactor Theory</td>
<td>3</td>
</tr>
<tr>
<td>NUEN 302</td>
<td>Introduction to Nuclear Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>NUEN 303</td>
<td>Nuclear Detection and Isotope Technology Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>NUEN 309/</td>
<td>Radiological Safety</td>
<td>3</td>
</tr>
<tr>
<td>SENG 309</td>
<td></td>
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<td>Select one of the following:</td>
<td>3</td>
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<tr>
<td>NUEN 475</td>
<td>Environmental Nuclear Engineering</td>
<td></td>
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<tr>
<td>NUEN 479</td>
<td>Radiation Protection Engineering</td>
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</tbody>
</table>

Total Semester Credit Hours 15

Students must make a grade of "C" or better in all courses.