

## Nuclear Engineering Catalog 2012 Radiological Track

<b>Fall</b> 16 hours	<b>Math 141 or 147 (4) FA, SP, SU</b> Prereq- Math 130 or Math ACT 28 or Math SAT 680	<b>English 101 or 118 (3) FA, SP, SU</b>	<b>Chem 120 or 128 (4) FA, SP, SU</b> Math 130	<b>EF 151 or 157 (4) FA, SP</b> Coreq- Math 141 or 147 and EF 105	<b>EF 105 (1) FA, SP</b> Coreq- EF 151 or 157	
<b>Spring</b> 15 hours	<b>Math 142 or 148 (4) FA, SP, SU</b> Prereq- Math 141 or 147	<b>English 102 (3) FA, SP, SU</b> Prereq- English 101 or 118	<b>Chem 130 or 138 (4) FA, SP, SU</b> Prereq- Chem 120 or 128	<b>EF 152 or 158 (4) FA, SP</b> Co-req-Math 142 or 148 Prereq- EF 151 or 157		
<b>Fall</b> 15 hours	<b>Math 231 (3) FA, SP, SU</b> Prereq- Math 142 or 148	<b>NE 200 (1) FA</b>	<b>ME 202 (2) FA, SP, SU</b> Coreq- EF 152 or 158 and Math 142 or 148	<b>Physics 231 (3) FA, SP, SU</b> Coreq- Math 142 or 148	<b>EF 230 (2) FA, SP</b> Prereq- EF 152 or 158	<b>ECON 201 or 207 (4) FA, SP, SU</b> Social Science
<b>Spring</b> 17 hours	<b>Math 241 or 247 (4) FA, SP, SU</b> Prereq- Math 142 or 148	<b>ME 331 (3) FA, SP, SU</b> Coreq- Math 241 or 247	<b>ECE 301 (3) FA, SP</b> Prereq- Math 231	<b>Physics 232 (4) FA, SP, SU</b> Prereq- Physics 231 Coreq- Math 241 or 247	<b>Gen Ed (3) FA, SP, SU</b> Arts and Humanities	
<b>Fall</b> 15 hours	<b>NE 342 or 347 (3) FA</b> Prereq- ME 331	<b>NE 351 or 357 (3) FA</b>	<b>NE 362 or 367 (3) FA</b> Prereq- Math 231 and 241 or 247	<b>Physics 341 (3) FA</b> Prereq- Physics 232	<b>Gen Ed (3) FA, SP, SU</b> Cultures and Civilizations	
<b>Spring</b> 16 hours	<b>NE 401 (3) SP</b> Coreq- NE 470	<b>Stat 251 (3) FA, SP, SU</b> Prereq- Math 142 or 148	<b>NE 433 (3) SP</b>	<b>NE 470 (4) FA, SP</b>	<b>Gen Ed (3) FA, SP, SU</b> Social Science	
<b>Fall</b> 15 hours	<b>NE 402 or 427 (WC) (3) FA</b> Prereq- NE 401	<b>NE 490 (3) FA</b>	<b>ME 321 (3) FA, SP, SU</b> Prereq- ME 202 and Math 142 or 148	<b>Technical Elective *(3) FA, SP, SU</b> Petition required in advance	<b>Gen Ed (3) FA, SP, SU</b> Cultures and Civilizations	
<b>Spring</b> 15 hours	<b>NE 400 (OC) (1) SP</b> Minimum student level — senior	<b>NE 406 or 467 (3) SP</b> Prereq- Physics 232	<b>NE 472 (4) SP</b> Prereq- NE 470	<b>Technical Elective *(3) FA, SP, SU</b> Petition required in advance	<b>EF 402 (1) FA, SP</b> Minimum student level - senior	<b>Gen Ed (3) FA, SP, SU</b> Arts & Humanities

\*Technical Electives are selected from upper division mathematics, chemistry, physics and engineering courses and must be pre-approved by the department.  
Pre-med, pre-vet, and pre-dentistry students should take Chem 350, Chem 360 and 369

Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.