

Nuclear Engineering Catalog 2012 Traditional Track

Fall 16 hours	Math 141 or 147 (4) FA, SP, SU Prereq- Math 130 or math ACT 28 or Math SAT 680	English 101 or 118 (3) FA, SP, SU	Chem 120 or 128 (4) FA, SP, SU Math 130	EF 151 or 157 (4) FA, SP Coreq- Math 141 or 147 and EF 105	EF 105 (1) FA, SP Coreq- EF 151 or 157	
Spring 15 hours	Math 142 or 148 (4) FA, SP, SU Prereq- Math 141 or 147	English 102 (3) FA, SP, SU Prereq- English 101 or 118	Chem 130 or 138 (4) FA, SP, SU Prereq- Chem 120 or 128	EF 152 or 158 (4) FA, SP Co-req- Math 142 or 148 Prereq- EF 151 or 157		
Fall 15 hours	Math 231 (3) FA, SP, SU Prereq- Math 142 or 148	NE 200 (1) FA	ME 202 (2) FA, SP, SU Coreq- EF 152 or 158 and Math 142 or 148	Physics 231 (3) FA, SP, SU Coreq- Math 142 or 148	EF 230 (2) FA, SP Prereq- EF 152 or 158	ECON 201 or 207 (4) FA, SP, SU Social Science
Spring 17 hours	Math 241 or 247 (4) FA, SP, SU Prereq- Math 142 or 148	ME 331 (3) FA, SP, SU Coreq- Math 241 or 247	ECE 301 (3) FA, SP Prereq- Math 231	Physics 232 (4) FA, SP, SU Prereq- Physics 231 Coreq- Math 241 or 247	Gen Ed (3) FA, SP, SU Arts and Humanities	
Fall 15 hours	NE 342 or 347 (3) FA Prereq- ME 331	NE 351 or 357 (3) FA	NE 362 or 367 (3) FA Prereq- Math 231 and 241 or 247	Physics 341 (3) FA Prereq- Physics 232	Gen Ed (3) FA, SP, SU Cultures and Civilizations	
Spring 16 hours	NE 401 (3) SP Coreq- NE 470	NE 360 (3) SP Prereq- NE 342	NE 433 (3) SP	NE 470 (4) FA, SP	Gen Ed (3) FA, SP, SU Social Science	
Fall 15 hours	NE 402 or 427 (WC) (3) FA Prereq- NE 401	MSE 201 (3) FA, SP, SU Prereq- Chemistry 120 or 128	ME 321 (3) FA, SP, SU Prereq- ME 202 and Math 142 or 148	Technical Elective *(3) FA, SP, SU Petition required in advance	Gen Ed (3) FA, SP, SU Cultures and Civilizations	
Spring 15 hours	NE 400 (OC) (1) SP Minimum student level — senior	NE 406 or 467 (3) SP Prereq- Physics 232	NE 472 (4) SP Prereq- NE 470	Technical Elective *(3) FA, SP, SU Petition required in advance	EF 402 (1) FA, SP Minimum student level - senior	Gen Ed (3) FA, SP, SU Arts & Humanities

*Technical Electives are selected from upper division mathematics, chemistry, physics and engineering courses and must be pre-approved by the department advisor.

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