

Nuclear, Plasma, and Radiological Engineering + Data Science - BS, Curriculum Map

Students should use this curriculum map as a guide to have a more informed discussion with the departmental academic advisor when selecting courses. Students not taking courses as advised may result in a delayed graduation date.

First Year		Second Year		Third Year		Fourth Year		
17 hrs NPRE 100 (1)	15 hrs MATH 231 (3)	16 hrs NPRE 200 (2)	15 hrs NPRE 247 (3)	17 hrs NPRE 330 (3) ⁵	16 hrs NPRE 349 (2)	15 hrs NPRE 321 (3) ⁵	17 hrs NPRE 441 (4)	
MATH 221 (4) ¹	PHYS 211 (4)	MATH 241 (4)	MATH 285 (3)	NPRE 445 (4)	NPRE 451 (3)	NPRE 449 (3)	NPRE 458 (4)	
ENG 100 (1) ²	STAT 107 (4)	PHYS 212 (4)	ME 200 (3)	TAM 335 or ME 310 (4)	NPRE 455 (4)	IS 467 (3)	IS 477 (3)	
RHET 105 (4) ^{3,4}	LOTE (3rd level) (4) ^{3,4}	TAM 210 (2)	TAM 212 (3)	CS 277 (4)	CS 307 (4)	Gen Ed Elect (3) ⁴	Gen Ed Elect (3) ⁴	
CHEM 102 (3)		STAT 207	MATH 227 or MATH 257 (3)	Free Elect (2) ⁶	Gen Ed Elect (3) ⁴	Gen Ed Elect (3)	Free Elect (3) ⁶	
CHEM 103 (1)								
ECON 102 or 103 (3) ⁴								

¹MATH 220 may be substituted. MATH 220 is appropriate for students with no background in calculus. 4 of 5 credit hours count towards the degree.

²External transfer students take ENG 300.

³RHET 105 (or an alternative Composition I sequence) is taken either in the first or second semester of the first year, according to the student's UIN (Spring if UIN is Odd). A language other than English (3rd level) course is taken the other semester. Composition I guidelines can be found at <http://catalog.illinois.edu/general-information/degree-general-education-requirements/> under Written Communication Requirement.

⁴General education: Students must complete the Campus General Education requirements including the campus general education language requirement.

⁵ Both NPRE 321 and NPRE 330 are required courses. The order of fall semester in which they are taken is flexible.

⁶ Additional coursework, subject to the Grainger College of Engineering restrictions to Free Electives, so that there are at least 128 credit hours earned toward the degree (go.grainger.illinois.edu/FreeElectives).