

Physics 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	
15-16 hrs	16-17 hrs	15 hrs	17 hrs	16 hrs	17 hrs	16 hrs	15 hrs
PHYS 110 (0)	PHYS 211 (4)	PHYS 212 (4)	PHYS 213 (2)	PHYS 435 (3)	PHYS 486 (4) ⁹	Track Elective (4) ⁷	Track Elective (3) ⁷
MATH 221 (4) ¹	MATH 231 (3)	MATH 241 (4)	MATH 285 (3) ⁶	MATH 257 (3)	Free Elective (3) ⁸	Language Other Than English (3rd Level) (4) ¹⁰	Free Elective (4) ⁸
ENG 100 (1) ³	CS 101 (3) ²	PHYS 225 (2)	PHYS 214 (2)	Track Elective (3) ⁷	Free Elective (3) ⁸	Free Elective (4) ⁸	Free Elective (4) ⁸
CHEM 102 (3)		Track Elective (2) ⁷	PHYS 325 (3)	Track Elective (4) ⁷	Track Elective (3) ⁷	Free Elective (4) ⁸	Free Elective (4) ⁸
Composition I or General Education (4) ⁴	Gen Ed Elect (3) ⁵	Gen Ed Elect (3) ⁵	Track Elective (3) ⁷	Gen Ed (Advanced Composition) (3) ⁵	Free Elective (4) ⁸		
CHEM 103 (1)	Gen Ed Elect (3) ⁵		Free Elective (4) ⁸				
Gen Ed Elect (3) ⁵							

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

² Students can substitute CS 124
³ External transfer students take ENG 300.
⁴ RHET 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
⁵ General Education: Students must complete the Campus General Education requirements including the campus general education Language requirement
⁶ MATH 285 may be replaced by both MATH 441 and MATH 442
⁷ Track elective credits, selected from dept approved list, can be found at http://catalog.illinois.edu/undergraduate/engineering/engineering-physics-
⁸ Additional coursework, subject to the Grainger College of Engineering restrictions to Free Electives, so that there are at least 128 credit hours earned
⁹ PHYS 485 may be substituted
¹⁰ Free elective may be substituted for students who have completed their language requirement.