

BioEngineering 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.

<i>Freshman</i>		<i>Sophomore</i>		<i>Junior</i>		<i>Senior</i>	
16 hrs	16 hrs	17 hrs	15 hrs	16 hrs	17 hrs	17 hrs	14 hrs
MATH 221 (4)	MATH 231 (3)	MATH 241 (4)	MATH 285 (3)	BIOE 476 (3)	BIOE 310 (3)	BIOE 435 (2)	BIOE 436 (2)
CHEM 102 (3)	CHEM 104 (3)	CS 101 (3) ³	BIOE 205 (3)	Free Elective (2)	BIOE 360 (3)	Track Elect (3) ⁴	BIOE 420 (3)
CHEM 103 (1)	CHEM 105 (1)	BIOE 201 (3)	BIOE 210 (3)	BIOE 302 (3)	BIOE 414 (3) ⁵	Track Elect (3) ⁴	Track Elect (3) ⁴
BIOE 100 (1)	BIOE 120 (1)	BIOE 206 (3)	BIOE 202 (2)	BIOE 303 (2)	BIOE 415 (2)	Gen Ed Elect (3) ²	Gen Ed Elect (3) ²
RHET 105 (4) ¹	MCB 150 (4)	PHYS 212 (4)	CHEM 232 (4)	Track Elect (3) ⁴	Track Elect (3) ⁴	Gen Ed Elect (3) ²	Free Elect (3)
ENG 100 (0)	PHYS 211 (4)			Gen Ed Elect (3) ²	Gen Ed Elect (3) ²	Free Elect (3)	
Gen Ed Elect (3) ²							

¹RHET 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 your UIN is Odd). General Education Elective 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.

²Students must take 6 hours from the campus General Education Social and Behavioral Sciences list, 6 hours from campus General Education Humanities and the Arts list, and 6 hours from a liberal education list approved by the college or from the campus General Education lists for Social and Behavioral Sciences or Humanities and the Arts. Students must also complete the campus cultural studies requirement by completing (i) one western/comparative culture(s) course, (ii) one non-western culture(s) course, and (iii) one U.S. Minority Culture(s) course from the General Education cultural studies lists. Most students select general education courses that simultaneously satisfy these cultural studies requirements

³Students choose whether to take BIOE 198 (MI) in second semester or CS 101 in third semester.

⁴Track elective credits totaling 15 hours, selected from dept approved list.

⁵Prerequisite for BIOE 414 is either BIOE 205, ECE 205 or ECE 210.