

Industrial Engineering 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.

Freshman		Sophomore		Junior		Senior	
15-16 hrs	16-17 hrs	16 hrs	17 hrs	16 hrs	15 hrs	15-17 hrs	15-17 hrs
MATH 221 (4)	MATH 231 (3)	MATH 241 (4)	MATH 285 (3)	MATH 415 (3)	Track Opt (3) ⁴	Track Opt (3) ⁴	Track Opt (3) ⁴
CHEM 102 (3)	PHYS 211 (4)	PHYS 212 (4)	PHYS 213 (2)	IE 310 (3)	Track Opt (3) ⁴	IE 400 (3)	IE 413 (3)
CHEM 103 (1)	CS 101 (3) ³	TAM 211 (3)	IE 300 (3)	IE 360 (3)	IE 370 (3)	CS Elective (3)	Free Elec (3)
ENG 100 (0)	ECE 110 (3)	SE 261 (2)	TAM 251 (3)	ME 330 (4)	Tech Elec (3)	SE 494 (3) ⁵	Free Elec (3)
RHET 105 (4) ¹	SE 101 (3)	Gen Ed Elect (3) ²	TAM 212 (3)	Gen Ed Elect (3) ²	IE 361 (3)	SE 495 (2) ⁵	Gen Ed Elect (3) ²
SE 100 (1)			SE 290 (0)			Gen Ed Elect (3) ²	
Gen Ed Elect (3) ²			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). SE 101 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. ECON 102 or ECON 103 must be one of the Social and Behavioral Sciences courses. 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 planning to take CS 225 or CS 411 as their CS elective should take CS 125 in place of CS 101.

⁴Students select Track Options from departmentally approved lists or by petition to the department.

⁵SE 494 and SE 495 are to be taken based on the student's UIN (Odd UIN is Spring; Even is Fall). These courses also complete the Advanced Composition requirement. All courses in the freshman, sophomore, and junior year should be completed prior to enrollment. Specific prerequisites are: SE 261, SE 290, IE 310, and the IE technical elective (these courses are to be completed prior to enrollment in SE 494 and SE 495).