

Computer 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.

<i>Freshman</i>		<i>Sophomore</i>		<i>Junior</i>		<i>Senior</i>	
15-16 hrs	17-18 hrs	17 hrs	15 hrs	16 hrs	16 hrs	16 hrs	15 hrs
MATH 221 (4)	MATH 231 (3)	MATH 241 (4)	MATH 286 (4)	ECE 385 (3)	ECE 391 (4)	ECE 374 (4)	ECE 411 (4) ⁶
CHEM 102 (3)	PHYS 211 (4)	PHYS 212 (4)	CS 225 (4)	PHYS 213 (2)	Tech Elective (6) ⁴	Tech Elective (6) ⁴	Tech Elective (8) ⁴
CHEM 103 (1)	ECE 110 (3)	CS 173 (3) ³	ECE 210 (4)	PHYS 214 (2)	Gen Ed Elect (3) ²	Gen Ed Elect (3) ²	Free Elect (3)
ENG 100 (0)	ECE 220 (4)	Gen Ed Elect (3) ²	Gen Ed Elect (3) ²	ECE 313 (3) ⁵	Free Elect (3)	Free Elect (3)	
RHET 105 (4) ¹	Gen Ed Elect (3) ²	Free Elect (3)		Tech Elective (3) ⁴			
ECE 120 (4)				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.

³Math 213 may be substituted

⁴Technical elective credits totaling 27 hours, selected from dept approved list.

⁵STAT 410 may be substituted

⁶ECE 445 OR ECE 496 and ECE 499 may be substituted. Advanced Composition may be satisfied by completing ECE 445 or ECE 496 and ECE 499 or a course in either the liberal education or free elective categories which has the Advanced Composition designation.