

Mechanical 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	
14-15 hrs	17-18 hrs	16 hrs	18 hrs	15.5 hrs	16.5 hrs	15 hrs	15 hrs
MATH 221 (4)	MATH 231 (3)	MATH 241 (4)	MATH 285 (3)	MATH 415 (3)	ME 370 (3)	ME 371 (3)	MechSE Elect (3) ⁴
CHEM 102 (3)	PHYS 211 (4)	PHYS 212 (4)	ME 200 (3)	ME 310 (4)	ME 320 (4)	ME 470 (3) ⁵	Tech Elect (3) ⁷
CHEM 103 (1)	Sci Elect (4) ³	TAM 210 (2)	TAM 212 (3)	ME 340 (3.5)	ME 360 (3.5)	Stats Elect (3) ⁶	Tech Elect (3) ⁷
RHET 105 (4) ¹	ME 170 ¹ (3)	ME 270 (3)	TAM 251 (3)	ME 330 (4)	Gen Ed Elect (3) ²	MechSE Elect (3) ⁴	Gen Ed Elect (3) ²
ENG 100 (0)	CS 101 (3)	ME 290 (0)	ECE 205 (3)	ECE 206 (1)	Free Elect (3)	Gen Ed Elect (3) ²	Free Elect (3)
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). ME 170 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.

³ Science elective of 4 hours, semester placement depends on prerequisites. You may choose from CHEM 104/105, MCB 150(/151 optional) OR PHYS 213/214.

⁴ MechSE Electives totaling 6 hours, selected from dept approved list.

⁵ME 470 is taken either the first or second semester of the fourth year, according to the student's UIN (FA if UIN is even and SP if UIN is odd). ME 470 satisfies the Advanced Composition requirement. MechSE elective is taken the other semester.

⁶Statistics Electives totaling 3 hours. IE 300 or STAT 400 (4 hrs). The extra hour for STAT 400 will count towards free elective hours.

⁷Technical Electives totaling 6 hours, selected from dept approved list. The Technical Elective category can also be fulfilled with MechSE Electives over the required 6 hours.