

Engineering Mechanics 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	17 hrs	16 hrs	15 hrs	15 hrs	15 hrs
MATH 221 (4)	MATH 231 (3)	MATH 241 (4)	TAM 212 (3)	MATH 415 (3)	MATH 441 (3)	ME 470 (3) ^{3,4}	Sec Fld Elect (3)
CHEM 102 (3)	CHEM 104 (3)	CS 101 (3)	TAM 251 (3)	TAM 270 (3)	TAM 324 (4) ³	MATH 442 (3)	Sec Fld Elect (3) ⁵
CHEM 103 (1)	CHEM 105 (1)	TAM 211 (3)	TAM 252 (1)	TAM 335 (4)	TAM 412 (4)	TAM 470 (3)	Sec Fld Elect (3) ⁵
ENG 100 (0)	PHYS 211 (4)	PHYS 212 (4)	PHYS 213 (2)	ME 200 (3)	TAM 445 (4)	Sec Fld Elect (3) ⁵	Gen Ed Elect (3) ²
RHET 105 (4) ¹	ME 170 (3) ¹	ME 290 (0)	PHYS 214 (2)	Free Elect (3)		Gen Ed Elect (3) ²	Free Elect (3)
TAM 195 (1)	Gen Ed Elect (3) ²	Gen Ed Elect (3) ²	ECE 205 (3)				
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. 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.

³Advanced Composition is satisfied by completing TAM 324 and ME 470.

⁴ME 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). MechSE elective is taken the other semester.

⁵Secondary Field Electives totaling 12 hours, selected from dept approved list or pre-approved by your departmental academic advisor.