

**Sample Course Sequence** (Full-time students, 4-year, 11-semester plan, Fall, Winter, and Summer terms)

This Sample Course Sequence sheet shows *only one example* of how courses may be scheduled. Some courses may be taken before or after the semester they are listed, provided course [Pre-Requisites](#) <link> have been met.

Semester	Course	Prerequisites	Co-requisites
<b>FALL – 1</b> (13 credits)	CHEM 144 with Lab (4 credits)	One year of HS chemistry	MATH 105 or higher
	ENGR 126 with Lab (2)	Placement in MATH 090 or higher	
	MATH 115 (4)	Placement into MATH 115	
	Humanities or Beh/Social Science (3)		
Winter (13 credits)	CHEM 146 with Lab (4)	CHEM 144	
	MATH 116 (4)	MATH 115	
	ENGR 100 with Lab (2)	MATH 105 or higher	
	COMP 105 (3)	Placement into COMP 105	
Summer (5 credits)	MATH 205 (3)	MATH 116	
	MATH 217 (2)	MATH 116	
<b>FALL – 2</b> (13 credits)	Math 216 (3)	MATH 205	
	PHYS 150 with lab (4)		MATH 115
	ENGR 250 (3)	CHEM 144	CHEM 146, MATH 115
	Hum or Behavioral/Social Science (3)		
Winter (14 credits)	PHYS 151 with lab (4)	PHYS 150	MATH 116
	ENGR 216 (2)	ENGR 100	ENGR 126, Math 216, 217
	ME 230 (4)	MATH 116, Chem 144, PHYS 150	
	ME 260 (4)	PHYS 150	ENGR 250, Math 205/215
Summer (9 credits)	COMP 270 (3)	COMP 105	
	ECON 201 or ECON 202 (3)		
	Humanities or Beh/Social Science (3)		
<b>FALL – 3</b> (12 credits)	ME 325 (4)	ENGR 216, ME 230	ME 345
	ECE 305 with Lab (4)	PHYS 151, MATH 205	MATH 217
	ME 345 (4)	ENGR 216, ME 260	
Winter (14 credits)	ME 3601 (4)	ENGR 216, ME 260	
	ME 364 with Lab (3)	MATH 217, Engr 216, ME 260	
	ME 349 with Lab (3)	ME 345 and ECE 305	
	ME 381 with Lab (4)	ME 230, ME 260, ENGR 250	
Summer (6-7 credits)	Upper-level Hum or Beh/social Sci (3)		
	General electives (3-4)		
<b>FALL – 4</b> 15-16 credits	ME 375 (4)	ME 325	ECE 305
	ME 442 with Lab (4)	ECE 305, ME 345	
	ME Design Elective (4)	Varies with specific course	
	Technical Elective (3-4)	Varies with specific course	
Winter 13-14 credits	ME 4671 (4)	ME 345, ME 3601, ME 375	ME 379
	Hum/BS/SS or Restricted Elective (3)		
	ME 379 (3)	COMP 270, ME 325, ME 349	ME 375
	Technical Elective (3-4)	Varies with specific course	

➔ See **CURRICULUM REQUIREMENTS SHEET** ( [www.engin.umd.umich.edu/SRA/circ\\_requir.php](http://www.engin.umd.umich.edu/SRA/circ_requir.php) ) <link> for detailed requirements, including those for the Humanities and Behavioral or Social Sciences courses.

➔ For courses needed for co-op see: [www.engin.umd.umich.edu/COOP/eligibility.php](http://www.engin.umd.umich.edu/COOP/eligibility.php) <link>