

**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 100 with Lab (2)	Placement into MATH 105 or higher	
	MATH 115 (4)	Placement into MATH 115	
	Hum or Behavioral/Social Science (3)		
<b>Winter</b> (15 credits)	ECE 273 w/ lab (4)	ENGR 100	
	MATH 116 (4)	MATH 115	
	PHYS 150 w/ lab (4)		MATH 115
	COMP 105 (3)	Placement into COMP 105	
<b>Summer</b> (5 credits)	Hum or Behavioral/Social Science (3)		
	MATH 217 (2)	MATH 116	
<b>FALL - 2</b> (14 credits)	Math 205 (3)	MATH 116	
	PHYS 151 w/lab (4)	PHYS 150	MATH 116
	ECE 270 (4)	ENGR 100	
	Hum or Behavioral/Social Science (3)		
<b>Winter</b> (14 credits)	MATH 216 (3)	MATH 205	
	ECE 210 w/ lab (4)	MATH 116	PHYS 151
	ECE 276 (4)	MATH 116	ECE 273
	COMP 270 (3)	COMP 105	
<b>Summer</b> (6 credits)	ECON 201 or ECON 202 (3)		
	Upper-level Hum or Beh/Soc Sci (3)		
<b>FALL - 3</b> (15 credits)	ECE 372 w/ lab (4)	ECE 270, ECE 273, COMP 270	
	ECE 311 w/ lab (4)	ECE 210, CHEM 144	COMP 270
	ECE 370 (4)	ECE 270	ECE 273
	IMSE 317 (3)	MATH 116	
<b>Winter</b> 15-16 credits	ECE 375 (4)	ECE 270, ECE 273	ECE 276, ECE 372
	ECE 473 (4)	ECE 372	
	ECE 471 (4)	ECE 372, IMSE 317	
	ECE Professional Elective (3-4)	Varies with specific course	
<b>Summer</b> (3 credits)	Hum/BS/SS or Restricted Elective (3)	Varies with specific course	
<b>FALL - 4</b> 13-14 credits	ECE 475 w/lab (4)	ECE 375	
	ECE 478 (4)	ECE 370, IMSE 317	
	ECE Professional Elective (3-4)	Varies with specific course	
	ECE 4982 (2)	ECE 372, ECE 375, COMP 270, senior, and one from ECE 471, 473, 475, or 478	
<b>Winter</b> 9-11 credits	Approved Technical Elective (3-4)	Varies with specific course	
	ECE 4984 (2)	ECE 4982	
	Approved Technical Elective (1-2)	Varies with specific course	
	ENGR 400 (3)	Senior standing (85 credits)	

➔ 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 course 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>