

Electrical Engineering Sample Schedule

Below is an eight-semester (four-year) plan to help students envision how requirements may fit together over the course of their time at Michigan. This plan is only a sample; it is not necessary to follow the below plan exactly outside of following prerequisite chains.

	Total Credits	Terms							
		1	2	3	4	5	6	7	8
Subjects Required by all Programs									
MATH 115, 116, 215 and 216	16	4	4	4	4				
ENGR 100, Introduction to Engineering	4		4						
ENGR 101, Introduction to Computers and Programming	4	4							
CHEM [125/126 and 130] or CHEM [210 and 211]	5	5							
PHYSICS 140 and 141	5		5						
PHYSICS 240 and 241	5			5					
Intellectual Breadth	16	4	4			4	4		
General Electives	11				3			4	4
Program Subjects									
EECS 200, Electrical Engineering Systems Design I	2				2				
EECS 215, Introduction to Electronic Circuits	4			4					
EECS 216, Introduction to Signals and Systems	4				4				
EECS 230, Electromagnetics I	4				4				
EECS 280, Programming and Introductory Data Structures	4			4					
EECS 300, Electrical Engineering Systems Design II	3						3		
EECS 301, Probabilistic Methods in Engineering	4					4			
EECS 496, Major Design Experience Professionalism	2								2
TCHNCLCM 300, Technical Communication for EECS	1					1			
TCHNCLCM 496, Advanced Technical Communication	2								2
Technical Electives (including PES course)									
Upper Level EE Electives	19					4	8	7	
Major Design Experience	4								4
Flexible Technical Electives	9					3		4	4
Total	128	17	17	17	17	16	15	15	16