

Computer 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, and 216	12	4	4			4			
MATH 214, 215, 217, 417 or 419	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	13			3		3		4	3
Program Subjects									
EECS 203, Discrete Mathematics	4			4					
EECS 215, Introduction to Electronic Circuits	4				4				
EECS 216, Introduction to Signals and Systems	4					4			
EECS 270, Introduction to Logic Design	4			4					
EECS 280, Programming and Introductory Data Structures	4				4				
EECS 370, Introduction to Computer Organization	4					4			
EECS 301, MATH 425 or STATS 412	3						3		
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									
Core Electives	8						8		
Upper Level CE Electives, including Major Design Experience	10							4	6
EECS Electives	3							3	
Flexible Technical Electives	7							5	2
Total	128	17	17	16	16	16	15	16	15