

COMPUTER ENGINEERING

Sample Graduation Plan† with ENEE 303 (starting Math 115)

		Semester		Summer
		I	II	
FIRST YEAR				
CHEM 135	General Chemistry	3		
MATH 115	Pre-calculus	3		
MATH 140	Calculus I		4	
CMSC 131*	Object Oriented Programming I		4	
ENES 100	Intro. to Engineering Design		3	
ENGL101	Freshman English	3		
CORE‡	General Education	6	6	
Total Credits		15	17	
SOPHOMORE YEAR				
PHYS 161	General Physics	3		
MATH 141	Calculus II	4		
CMSC132	Object Oriented Programming II	4		
MATH 246	Differential Equations		3	
CMSC 212	Intro to Low-Level Prog Cncpts		4	
CMSC 250	Discrete Structure		4	
CMSC 330	Organization of Prog. Languages			3
PHYS 260/261	General Physics		4	
ENEE 244	Digital Logic Design	3		
CORE‡	General Education	3		
Total Credits		17	15	3
JUNIOR YEAR				
ENEE 204	Basic Circuit Theory	3		
ENEE 206	Fundamental Lab	2		
ENEE 241	Numerical Techniques	3		
CMSC 351	Algorithms	3		
ENEE 303	Analog and Digital Electronics		3	
ENEE 307	Electronics Circuits Design Lab		2	
ENEE 322	Signal and System Theory		3	
ENEE 350	Computer Organization		3	
ENGL 393	Junior English		3	
Technical Electives	Computer Engineering Elective			3
CORE‡	General Education	3		
Total Credits		14	14	3
SENIOR YEAR				
CMSC 412	Operating Systems		4	
ENEE 324	Engineering Probability	3		
ENEE 446	Computer Design	3		
Technical Electives	Computer Engineering Elective	9	10	
Total Credits		15	14	

† The minimum number of credits required to earn a degree is 120 credits.

* Students may need to take the CMSC 131 or the exemption exam before taking CMSC 132.

‡ NOTE: Schedule assumes one CORE class satisfies the CORE Cultural Diversity requirement.