

# COMPUTER ENGINEERING

## Sample Graduation Plan† with ENEE 302

<b>FIRST YEAR</b>		<b>Semester</b>	
		<b>I</b>	<b>II</b>
CHEM 135	General Chemistry	3	
PHYS 161	General Physics		3
MATH 140, 141	Calculus I, II	4	4
CMSC 132*	Object Oriented Programming II		4
ENES 100	Intro. to Engineering Design	3	
CORE‡	General Education	3	3
Total Credits		13	14
<b>SOPHOMORE YEAR</b>			
MATH 246	Differential Equations		3
CMSC 212	Intro to Low-Level Prog. Concepts	4	
CMSC 250	Discrete Structure	4	
CMSC 351	Algorithms		3
PHYS 260/261	General Physics	4	
ENEE 241	Numerical Techniques		3
ENEE 204	Basic Circuit Theory		3
ENEE 206	Fundamental Lab		2
ENEE 244	Digital Logic Design	3	
CORE‡	General Education		3
Total Credits		15	17
<b>JUNIOR YEAR</b>			
CMSC 330	Organization of Prog. Languages	3	
CMSC 412	Operating Systems		4
ENEE 302	Digital Electronics	3	
ENEE 322	Signal and System Theory	3	
ENEE 324	Engineering Probability		3
ENEE 350	Computer Organization	3	
ENEE 446	Computer Design		3
ENGL 393	Technical Writing		3
CORE‡	General Education	3	3
Total Credits		15	16
<b>SENIOR YEAR</b>			
Technical Electives		14	10
CORE‡	General Education	3	3
Total Credits		17	13

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

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

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