

ELECTRICAL ENGINEERING

Sample Graduation Plan† with ENEE 303/307/313 (starting Math 115)

FIRST YEAR		Semester I	Summer II	
CHEM 135	General Chemistry	3		
MATH 115	Pre-calculus	3		
MATH140	Calculus I		4	
ENES 100	Intro/Eng. Design		3	
ENGL101	Freshman English	3		
CORE‡	General Education Courses	6	6	
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Total Credits		15	13	
SOPHOMORE YEAR				
PHYS 161	General Physics	3		
MATH 141	Calculus II	4		
ENEE 114	Programming Concepts for Engineers	4		
MATH 246	Differential Equations		3	
PHYS 260 & 261	General Physics II		4	
ENEE 241	Numerical Techniques in Engineering		3	
ENEE 244	Digital Logic Design			3
CORE‡	General Education Courses	3	3	
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Total Credits		14	13	3
JUNIOR YEAR				
PHYS 270 & 271	General Physics III	4		
MATH 241	Calculus III	4		
ENEE 204	Basic Circuit Theory	3		
ENEE 206	Digital and Circuits Lab	2		
MATH 4xx*	Advanced Elective Math	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	
ENEE 380	Electromagnetic Theory		3	
ENGL393	Junior English			3
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Total Credits		16	14	3
SENIOR YEAR				
ENEE 324	Engineering Probability	3		
ENEE 381	Electromagnetic Wave Propagation	3		
ENEE 313	Intro. to Device Physics		3	
Technical Electives*	NON-EE technical Electives	3	6	
Technical Electives	ENEE Electives	7	6	
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Total Credits		16	15	

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

* From approved Non-EE Technical Elective List.

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