

ELECTRICAL ENGINEERING

Sample Graduation Plan† with ENEE 302/306/312

		Semester	
		I	II
CHEM 135	General Chemistry	3	
PHYS 161	General Physics		3
MATH 140/141	Analysis I/II	4	4
ENES 100	Intro/Eng. Design	3	
ENEE 114	Programming Concepts for Engineers		4
CORE‡	General Education Courses	3	3
Total Credits		13	14

SOPHOMORE YEAR

MATH 241	Calculus III	4	
MATH 246	Differential Equations		3
PHYS 260 & 261	General Physics II	4	
PHYS 270 & 271	General Physics III		4
ENEE 241	Numerical Techniques in Engineering	3	
ENEE 244	Digital Logic Design	3	
ENEE 204	Basic Circuit Theory		3
ENEE 206	Digital and Circuits Lab		2
CORE‡	General Education Courses	3	3
Total Credits		17	15

JUNIOR YEAR

MATH 4xx*	Advanced Elective Math	3	
ENEE 302	Digital Electronics	3	
ENEE 306	Electronics Circuits Design Lab		2
ENEE 312	Semiconductor Devices and Analog Electronics		3
ENEE 322	Signal and System Theory	3	
ENEE 324	Engineering Probability		3
ENEE 350	Computer Organization	3	
ENEE 380	Electromagnetic Theory	3	
ENEE 381	Electromagnetic Wave Propagation		3
CORE‡	General Education Courses		6
Total Credits		15	17

SENIOR YEAR

Technical Electives	NON-EE technical Electives	3	6
Technical Electives	EE Electives	8	5
CORE‡	General Education Courses	3	3
Total Credits		14	14

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

* Must come from the list of course approved for the Non-EE Technical Elective Requirement.

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