



SAMPLE FOUR YEAR PLAN BS ELECTRICAL ENGINEERING

Study Abroad Option

The curriculum in our degree programs is structured so that students move through classes in a prescribed order. Prerequisites are important and are strongly enforced. This is the plan for completing this degree in eight semesters, including one semester abroad. Students work closely with their academic advisor to have their courses pre-approved before their semester abroad. Meet with your advisor as soon as you can to discuss a plan of action that works best for you.

FIRST YEAR					
Fall			Spring		
		Credits		STUDY ABROAD	Credits
CC 1.1	ENGL 1112/3 Sem Acad Inquiry♦	3	CC 9.1	Perspectives on Creative Arts	3
CC 4.1	CHEM 1115 General Chemistry I♦	3	CC 8.1	Global&Intercultural Awareness	2
CC 4.1	CHEM 1117 General Chem I Lab	1		EASC 1112 Methods Engr Anly♦	3
	EASC 1107 Intro to Engr♦	3		PHYS 1150 Mech/Heat/Waves/I♦	4
CC 3.2	MATH 1117 Calculus I♦	4	CC 3.2	MATH 1117 OR 1118	4
CC 2.1	COMM 1130 Communication	3		EASC 1101 Short Engr Reports	1
	Total Credits this semester	17		Total Credits this semester	17

SECOND YEAR					
Fall			Spring		
		Credits			Credits
MR	ELEC 1155 Digital Systems I	3	MR	ELEC 2255 Digital Systems Lab♦	1
	EASC 2211 Modeling Engr Syst♦	3	MR	ELEC 2234 Analog Circuits Lab♦	1
	EASC 2230 Fund Analog Devices♦	3	CC 3.1	CSCI 1110 Intro C Programming♦	3
CC 3.2	MATH 2203 Calculus III♦	4		MATH 2204 Differential Eq.♦	3
	PHYS 2205 Electromg&Optics w/I♦	4	MR	ELEC 2235 Analog Circuits♦	3
				EASC 1109 Proj Plan & Develop♦	2
			MR	ELEC 2247 Electronics I♦	3
	Total Credits this semester	17		Total Credits this semester	13

THIRD YEAR					
Fall			Spring		
		Credits			Credits
MR	ELEC 3302 Signals and Systems♦	3		ELEC 3398 Internship♦	0
MR	ELEC 3371 Embedded Systems♦	3	MR	ELEC 3320 Random Signal Anly♦	3
MR	ELEC 3347 Electronics Des Lab♦	1	MR	ELEC 3355 Control Systems♦	3
MR	ELEC 3348 Electronics II♦	3	MR	ELEC 3361 Electromagnetics♦	3
	Math Elective 3000 or higher♦@	3	MR	ELEC 3397 Junior Design Exp♦	3
CC 5.1	UNIV 1141 Life on Earth	3		Restricted Elective I	3
	Total Credits this semester	16		Total Credits this semester	15

FOURTH YEAR					
Fall			Spring		
		Credits			Credits
CC 7.1	EASC 2215♦ or CSCI 3316♦	3	CC 6.1	Historical Perspectives	3
MR	ELEC 4445 Communications Syst♦	3	MR	ELEC 4498 Senior Design II♦	3
MR	ELEC 4497 Design Preparation♦	2	MR	Technical Elective II♦@	3
	Restricted Elective II	3	MR	Technical Elective I♦@	3
	EASC 2232 Proj Mgt/Engr Econ♦	3		Restricted Elective III	3
	Total Credits this semester	14		Total Credits this semester	15

Courses that do not count as electives or for graduation (included in GPA):	
ENGL1103 English Fundamentals	3
MATH1103 Math Fundamentals	3
MATH1110 College Algebra♦	3
MATH1115 Pre-Calculus♦	3

Every student must complete a course that has been designated as satisfying Writing Across the Curriculum constraints.

Minimum Total Credits: 128

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
♦	This course has a prerequisite
@	Advisor must approve student's selection