



BACHELOR of Science in Electrical Engineering
 School of Engineering and Applied Sciences
 Ogden College of Science and Engineering
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE - 4 year plan

FIRST YEAR <ul style="list-style-type: none"> • <i>Show up, on time, ready to participate</i> • <i>Find a good study group</i> • <i>Seek help at first signs of trouble</i> 	FALL SEMESTER		SPRING SEMESTER	
	EE180: Digital Circuits	3	EE101: EE Design I	1
	MATH136: Calculus I (F-QR)	4	MATH137: Calculus II	4
	Science Elective (E-NS)	3	PHYS255/256: Physics I and Lab (E-NS, SL)	4/1
	ENG100: Freshman English (F-W1)	3	COMM 145: Public Speaking (F-OC)	3
	Arts & Humanities Elective (E-AH)	3	ENG200: Intro to Literature (F-AH)	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16

SECOND YEAR <ul style="list-style-type: none"> • <i>Consider a co-op or internship</i> • <i>Join the IEEE</i> • <i>Connect with your advisor</i> • <i>Satisfy language Requirement</i> 	FALL SEMESTER		SPRING SEMESTER	
	EE200: EE Design II	1	EE380: Microprocessors	4
	EE210: Circuits & Networks I	3.5	EE211: Circuits & Networks II	3.5
	MATH237: Multivariable Calculus	4	MATH331: Differential Equations	3
	PHYS265: Physics II	4	ECON202: Economics (E-SB)	3
	CS239: Prob. Solving Using Computers	3	ENG300: Writing in the Disciplines (F-W2)	3
	TOTAL CREDIT HOURS	16.5	TOTAL CREDIT HOURS	16.5

World Language Proficiency: All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to www.wku.edu/modernlanguages/placement/.

Colonnade Plan: All students entering in fall 2014 or later must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf

THIRD YEAR <ul style="list-style-type: none"> • Find a project you can care about • Network with professionals 	FALL SEMESTER		SPRING SEMESTER	
	EE345: Intro to Electronics	4	EE300: EE Design III	1
	EE473: Intro to EM Fields	3	EE431: Intro to Power Systems	3.5
	EE420: Signals & Linear Systems	3	EE Elective	3
	Math Elective	3	Engr/Science Elective	3
	World History (F-SB)	3	STAT301 Prob/Applied Stats	3
			Connections Social & Cultural (K-SC)	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16.5

FOURTH YEAR <ul style="list-style-type: none"> • Get help with your resume and application letters • Prepare for the FE Exam 	FALL SEMESTER		SPRING SEMESTER	
	EE400: EE Design IV	1	EE401: Capstone Design	3
	EE 460 Cont. Control Systems	3.5	EE Elective	3
	EE Elective	3	EE Elective	3
	Engr/Science Elective	3	Connections Systems (K-SY)	3
	Connections Local to Global Elective (K-LG)	3		
	TOTAL CREDIT HOURS	13.5	TOTAL CREDIT HOURS	12

Total Credit Hours: 123

Information regarding EE Electives, Pre-Major Requirements, and Engr/Science Electives can be found in the undergraduate catalog.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester.

For more Information: Department: School of Engineering and Applied Sciences
 Website: www.wku.edu/seas
 Phone: 270-745-2461
 Email: seas@wku.edu