



BACHELOR of SCIENCE in ELECTRICAL ENGINEERING (#537)

School of Engineering & 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 – Finish in Four Plan

FIRST YEAR			
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			
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

THIRD YEAR			
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			
Fall Semester		Spring Semester	
EE400: EE Design IV or ENGR 490: Senior Project I	1	EE401: Capstone Design or ENGR 491: Senior Project II	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

For more details and courses offered in the Colonnade General Education program visit the [website](#).

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

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:

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Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>