	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. Admission to the major is required to register for all 300 and 400 nursing classes. All upper-division nursing courses must be taken in sequence to meet NURS course prerequisite requirements.

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	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

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: **School of Engineering and Applied Sciences**
Website: www.wku.edu/seas
Phone: 270-745-3251
Email: seas@wku.edu
Course Descriptions: http://www.wku.edu/undergraduatecatalog/