



Electrical Engineering
Ogden College of Science and Engineering
Western Kentucky University

A Suggested Four-Year Academic Degree Path

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, LS)	5	
* ENG 100 Intro to College Writing (F-W1)	3	* COMM 145 Fundamentals of Public Speaking (F-OC)	3	
Arts and Humanities (E-AH)	3	ENG 200 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	ECON202/203: Micro/Macro Economics (E-SB)	3	
*CS239: Prob. Solving Using Computers	3	ENG 300 Writing in the Disciplines (F-W2)	3	
TOTAL CREDIT HOURS	15.5	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	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 from approved list	3	
Math Elective from approved EE List	3	World Language, if needed	3	
HIST 101 World History I OR HIST 102 World History II (F-SB)	3	STAT301 Prob/Applied Stats	3	
		Connections: Social and 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 from approved list	3	
EE Elective from approved list	3	EE Elective from approved list	3	
Engr/Science Elective from approved list	3	Engr/Science Elective from approved list	3	
Connections: Local to Global Course (K-LG)	3	Connections: Systems (K-SY)	3	
TOTAL CREDIT HOURS	13.5	TOTAL CREDIT HOURS	15	

Total Credit Hours: 125

* Denotes prerequisite courses before student may transition from pre-major to major. All courses and labs must be completed with a grade of C or better.

Additional requirements regarding allowed electives, **UoL courses**, and minimum grade requirements are detailed in the Electrical Engineering Student Handbook

^Science Elective (take one of the following): CHEM 120, CHEM 116, BIOL 120, ENV 280 or GEOL 111

<http://wku.edu/engineering/electrical.php>

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester. See catalog for list of pre and co-reqs.

Course Descriptions may be viewed at <http://www.wku.edu/catalog>

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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