Electrical Engineering
Ogden College of Science and Engineering
Western Kentucky University

A Suggested Four-Year Academic Degree Path

Success Tips

FIRST YEAR	FALL SEMESTER		SPRING SEMESTER	
• *Sshow up, on time, ready to participate* • *Find a good study group* • *Seek help at first signs of trouble*	*EE180: Digital Circuits	3	*EE101: EE Design I	1
	*MATH136: Calculus I (F-QR)	4	*MATH137: Calculus II	4
	^Science Elective (E-NS) see note below	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	
• *Consider a co-op or internship* • *Join the IEEE* • *Connect with your advisor* • *Satisfy language Requirement*	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

WKU Four-Year Academic Plan (2015-2016)

THIRD YEAR	FALL SEMESTER		SPRING SEMESTER	
• Find a project you can care about • Network with professionals	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	Engr/Science Elective from approved list	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	
• Get help with your resume and application letters • Prepare for the FE Exam	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	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

* 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

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