



BACHELOR of Science in Civil Engineering (#534)

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	Fall Semester		Spring Semester	
<ul style="list-style-type: none"> • Show up, on time, ready to participate • Find a good study group • Seek help at first signs of trouble 	MATH 136 Calculus I (F-QR)	4	MATH 137 Calculus II	4
	ENG 100 Intro to College Writing (F-W1)	3	COMM 145 Fund of Public Speaking & Communications (F-OC)	3
	GEOL 111 (w/ 113 Lab) The Earth (E-NS, SL)	4	CE 160 (w/ 161 Lab) Principles of Surveying	4
	CE 176 Civil Engineering Freshman Design	1	PHYS 255 (w/ 256 Lab) University Physics I	5
	AMS 163 Architectural Drafting	3		
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

SECOND YEAR	Fall Semester		Spring Semester	
<ul style="list-style-type: none"> • Consider a co-op or internship • Join the ASCE • Connect with your advisor Satisfy language Requirement 	Arts & Humanities Elect	3	ENG 200 Intro to Literature (E-AH)	3
	CE 303 Construction Management	3	EM 303 Mechanics of Deformable Solids	3
	MATH 237 Multivariable Calculus	4	CE 310 Strengths of Materials Lab	1
	EM 222 Statics	3	MATH 331 Differential Equations	3
	Connections: Local to Global Elective (K-LG)	3	Science or Math Elective	3
			CE 332 Transportation Engineering	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16

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 <https://www.wku.edu/colonnade/>

THIRD YEAR	Fall Semester		Spring Semester	
<ul style="list-style-type: none"> Find a project you can care about Network with professionals 	CE 382 or 373 Structural Analysis	3	CE 384 Reinforced Concrete Design	3
	CE 370 (w/ 371 Lab) Materials of Construction	3	CHEM 120 (w/ 121 Lab) College Chemistry (E-NS)	5
	CE 342 Fluid Thermal Science	4	CE 461 Hydrology	3
	CE 410 (w/ 411 Lab) Soil Mechanics	4	CE Tech Elective	3
	Writing in Discipline Elective	3	CE 412 Foundation Engineering	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17

FOURTH YEAR	Fall Semester		Spring Semester	
<ul style="list-style-type: none"> Get help with your resume and application letters Prepare for the FE Exam 	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	CE 316 Equipment & Methods	3
	Social and Behavioral Sciences Elective (E-SB)	3	CE Tech Elective	3
	CE Tech Elective	3	CE 498 or ENGR 491 Senior Project	3
	CE 352 Intro to Environmental Engineering	3	CE 305 Risk Analysis	3
	CE 400 or ENGR 490 Senior Seminar	2	Connections: Social and Cultural Elective (K-SC)	3
	Connections: Systems Elective (K-SY)	3	CE 316 Equipment & Methods	
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	15

Total Credit Hours: 129

Information regarding CE Tech Electives, Pre-Major Requirements, and Math/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
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