



BACHELOR of Science in Civil Engineering
 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"> • <i>Show up, on time, ready to participate</i> • <i>Find a good study group</i> • <i>Seek help at first signs of trouble</i> 	MATH 136 Calculus I (F-QR)	4	CE 160 (w/ 161 Lab) Principles of Surveying	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	MATH 137 Calculus II	4
	AMS 163 Architectural Drafting	3	PHYS 255 (w/ 256 Lab) University Physics I	5
	CE 176 Civil Engineering Freshman Design	1		
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

SECOND YEAR	Fall Semester		Spring Semester	
<ul style="list-style-type: none"> • <i>Consider a co-op or internship</i> • <i>Join the ASCE</i> • <i>Connect with your advisor</i> • <i>Satisfy language Requirement</i> 	CHEM 120 (w/ 121 Lab) College Chemistry (E-NS)	5	ENG 200 Intro to Literature (E-AH)	3
	CE 303 (w/ 304 Lab) Construction Management	4	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
			Science or Math Elective	3
			Arts & Humanities Elect	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 http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf

BACHELOR of SCIENCE in CIVIL ENGINEERING - Sample 4 year plan (2017-2018)

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 316 Equipment & Methods	3
	CE 370 (w/ 371 Lab) Materials of Construction	3	CE 332 Transportation Engineering	3
	CE 342 Fluid Thermal Science	4	CE 305 Risk Analysis	3
	CE 410 (w/ 411 Lab) Soil Mechanics	4	CE Tech Elective	3
	Writing in Discipline Elective	3	CE 412 Foundation Engineering	3
			CE 384 Reinforced Concrete Design	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	18

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 461 Hydrology	3
	Social and Behavioral Sciences Elective (E-SB)	3	CE Tech Elective	3
	CE 352 Intro to Environmental Engineering	3	CE 498 Senior Project	3
	CE Tech Elective	3	Connections: Local to Global Elective (K-LG)	3
	CE 400 Civil Engineering Senior Design Seminar	1	Connections: Social and Cultural Elective (K-SC)	3
	Connections: Systems Elective (K-SY)	3		
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

Total Credit Hours: 130

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
Website: www.wku.edu/seas

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