

University of Evansville
Bachelor of Science in Civil Engineering
4-Year Program
2017-2018

FALL			YEAR 1			SPRING		
CHEM 118	Principles of Chemistry	4	MATH 222	Calculus II	4			
MATH 221	Calculus I	4	PHYS 210	Calculus Physics 1	4			
ENGR 101	Introduction to Engineering	3		Science Elective ¹	3			
FYS 112	First Year Seminar	3		General Education	3			
	(or FYS 111)			(or FYS 112)				
	Foreign Language 111	<u>3</u>		Foreign Language 112	<u>3</u>			
		17			17			
YEAR 2								
ENGR 212	Statics	3	ENGR 213	Dynamics	3			
PHYS 211	Calculus Physics 2	4	ENGR 232	Mechanics of Materials	3			
MATH 323	Calculus III	4	MATH 324	Differential Equations	3			
CE 183	Surveying	3	CE 324	Construction Management	3			
	General Education Course	3		Free Elective ²	3			
HE 100	Gen Ed-Health and Wellness	1		General Education Course	<u>3</u>			
EXED 090	Bldg. Your Professional Image	<u>0</u>			18			
		18						
YEAR 3								
	Engineering Elective ³	3-4	CE 331	Construction Materials	3			
CE 340	Structural Analysis	3	CE 338	Soil Mechanics & Soil Behavior	3			
ENGR 366	Fluid Mechanics	3	CE 339	Soil Mechanics Lab	1			
CE 380	Hydraulics Lab	1	CE 341	Design of Steel Structures	3			
ENGR 390	Applied Engineering Math	3	CE 350	Transportation Engineering	3			
	General Education Course	<u>3</u>	CE 374	Environmental Engineering I	<u>3</u>			
		16-17			16			
YEAR 4								
CE 342	Design of Concrete Structure	3	CE 497	CE Design Project II	3			
CE 438	Geotechnical Engineering	3		Free Elective ²	3			
CE 469	Design of Hydraulic Structures	3		Technical Elective ⁴	3			
CE 495	CE Design Project I	3		General Education Course	3			
	Technical Elective ⁴	<u>3</u>		General Education Course	<u>3</u>			
		15			15			

¹Science Elective shall be selected from BIOL 100, BIOL 107, BIOL 110, BIOL 112, BIOL 201, BIOL 225, ES 103, ES 360, and GEOL 130

²Courses numbered MATH202 or lower, CHEM10x, or PHYS 1xx, software application courses, and English language courses may not be used as electives

³Engineering Elective shall be selected from ENGR 230, EE 210, ME 362, ENGR 123, or CS 210

⁴Technical Electives shall be selected from CE 443, CE 449, CE 450, CE 468, CE 475, CE 498, CE 499, ENGR 409, and optional ME 4XX courses