

Civil Engineering 5 Year Plan of Study for ROTC Students

First Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
CHEM 1035	General Chemistry	3	ENGE 1216	Foundations of Engineering	2
CHEM 1045	General Chemistry Lab	1	ENGL 1106	First-Year Writing	3
ENGE 1215	Foundations of Engineering	2	MATH 1226	Calculus of a Single Variable	4
ENGL 1105	First-Year Writing	3	PHYS 2305	Foundations of Physics	4
MATH 1225	Calculus of a Single Variable	4			
	ROTC	Varies		ROTC	Varies
Total Credit Hours			Total Credit Hours		
15 - 18			15-18		

Second Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
CEE 2804	Introduction to CEE	2	CEE 2814	CEE Measurements	4
CEE 2824	CE Drawings and CAD	1	ESM 2204	Mech. of Deformable Bodies	3
ESM 2104	Statics	3	GEOS 2104	Elements of Geology w/Lab	3
MATH 2114	Intro to Linear Algebra	3	MATH 2214	Differential Equations	3
MATH 2204	Multivariable Calculus	3			
	ROTC	Varies		ROTC	Varies
Total Credit Hours			Total Credit Hours		
13-16			14-17		

Third Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
CEE 3304	Fluid Mechanics for CEE	3	CEE 3804	Computer Applications for CEE	3
PHYS 2306	Foundations of Physics	4	ISE 2014	Engineering Economy	2
	CEE Fundamentals Course	3		Science or Engineering Elective	3
	CEE Fundamentals Course	3		CEE Fundamentals Course	3
	ROTC	Varies		ROTC	Varies
Total Credit Hours			Total Credit Hours		
14 - 18			12-17		

Fourth Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
ENGL 3764	Technical writing	3		CEE Fundamentals Course	3
	CEE Fundamentals Course	3		CEE Fundamentals Course	3
	CEE Fundamentals Course	3		CEE Advanced Course	3
	Area 2	3		Area 3	3
	ROTC	Varies		ROTC	Varies
Total Credit Hours			Total Credit Hours		
13 - 18			13-18		

Fifth Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
CEE 4804	Prof & Legal Issues in Engr.	3		CEE Advanced Course	3
	CEE Advanced Course	3		CEE Advanced Course	3
	Science or Engineering Elective	3		Area 3	3
	Area 2	3		Area 7	3
	Area 6	1			
	ROTC	Varies		ROTC	Varies
Total Credit Hours			Total Credit Hours		
13 - 15			12-14		