

Study Plan:

Civil & Environmental Engineering Study Plan

First Semester			SECOND Semester		
Course#	Course Name	CR	Course#	Course Name	CR
ENG 201	Academic English	3	CS 201	Culture and Civilizations	3
COMP 201	Introduction to Computers	3	CHM 200	General Chemistry	3
MATH 202	Calculus III	3	MATH 332	Linear Algebra	3
PHY 203	General Mechanics	3	PHY 304	Advanced Mechanics	3
ENGR 200	Introduction to Engineering	3	ENGR 211	Engineering Graphics	3
PHY 200L	Physics Lab	1	CHM 200L	General Chemistry Lab.	1
	Total	16		Total	16
THIRD Semester			FOURTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
ARA 201	Academic Arabic	3	GHN 201	General Health and Nutrition	3
CSC 203	Intro to Programming	3	MATH 352	Probability & Statistics	3
MATH 342	Ordinary Differential Equations	3	MATH 442	Numerical Methods	3
ELEC 221	Electric Circuits	3	PHY 223	Thermodynamics	3
CIV 301	Geomatics	3	CIV 302	Civil Eng. Materials	3
ELEC 221L	Electric Circuits Lab.	1	CIV 302L	Civil Eng. Materials Lab.	1
	Total	16		Total	16
FIFTH Semester			SIXTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
CIV 303	Strength of Materials	3	CIV 420	Hydraulic Engineering	3
CIV 304	Fluid Mechanics	3	CIV 430	Engineering Geology	3
CIV 305	Structural Analysis	3	CIV 440	Geosystems Engineering	3
CIV 350	Environmental Systems I	3	CIV 450	Steel Structures I	3
CIV 410	Construction Eng. & Mgt	3	CIV 460	Transportation Plan & Dsgn	3
CIV 303L	Concrete strength test	1	CIV 350L	Environmental Engineering Lab.	1
	Total	16		Total	16
SUMMER Semester					
Course#	Course Name	CR			
ENGR499	Internship	3			
	Free Elective	3			
	Free Elective	3			
	Total	9			
SEVENTH Semester			EIGHTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
CIV 480	Foundation Engineering	3	EETH 303	Engineering Ethics	3
	Major Elective I	3		Major Elective III	3
	Major Elective II	3		Major Elective IV	3

	Minor Elective I	3		Minor Elective III	3
	Minor Elective II	3	FYP594	Research Methodology	1
CIV 480L	Soil Gravel Esphalt Labs	2			
	Total	17		Total	13

NINETH Semester			TENTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
	Major Elective V	3	FYP596	Final Year Project II	5
	Major Elective VI	3			
EECN303	Engineering Economics	3			
FYP595	Final Year Project I	1			
	Total	10		Total	5