

B.S. CIVIL ENGINEERING
Plan of Study 2018-2019



Year 1	Fall		Spring
	ENGR 160 Surveying		
	MATH 113 Calculus I		MATH 114 Calculus II
	ENGR 171 Engineering Graphics and 17 (6a)(E5)49 (E)		
Year 2	Fall		Spring
	ENGR 220 Statics		ENGR 221 Mechanics of Materials (Lab)
	MATH 210 Introduction to Differential Equations & Systems		GEOL 163 Applied Geology (Lab)
Year 3	Fall		Spring
	ENGR 362 Construction & Engineering Economic Analysis (Lab)		ENGR 363 Construction Materials (Lab)
	ENGR 364 Structural Analysis		ENGR 365 Design of Steel & Concrete Structures (Lab)
	ENGR 368 Fluids Mechanics for Civil Engineering (Lab)		STAT 220 Statistics I
	THEO 2XX or 3XX		Fine Arts Elective
	January-term		Summer
	PHIL 115 Philosophy of the Human Person		
Year 4	Fall		Spring
	ENGR 480 Engineering Design Clinic I ENGR 463		ENGR 481 Engineering Design Clinic II

* arrow indicates that the two courses can be interchanged
 * this illustrates just one example of how all courses could be taken within a 4-year plan

Complete Course Listing:

Engineering Courses:

ENGR 160 Surveying (1 credit)

ENGR 171 Engineering Graphics and Design (4 credits)

ENGR 220