

Bachelor of Science in Civil Engineering Plan of Study

	<i>Fall</i>	<i>Spring</i>	<i>Summer/J-Term</i>
Year 1	ENGR 160 Surveying		
	MATH 113 Calculus I	MATH 114 Calculus II	THEO 101 The Christian Theological Tradition
	ENGR 172 Civil Engineering Graphics and Methods	CISC 130 Introduction to programming and problem solving	
	ENGL 121 Critical Thinking: Literature and Writing	PHYS 211 Classical Physics I	
	Foreign Language 111	Foreign Language 112	
Year 2	ENGR 220 Statics	ENGR 221 Mechanics of Materials (Lab)	Social Science (ECON 251)
	MATH 210 Introduction to differential equations	GEOL 163 Applied Geology (Lab)	
	PHYS 212 Classical Physics II	CHEM 109 General Chemistry for Engineers (Lab)	
	Foreign Language 211	ENGL 20X Texts in Conversation	
Year 3	ENGR 362 Construction and Engineering Economic Analysis (Lab)	ENGR 363 Civil Engineering Materials (Lab)	PHIL 115 Philosophy of the Human Person
	ENGR 364 Structural Analysis	ENGR 365 Design of Steel and Concrete Structures	
	ENGR 368 Fluid Mechanics for Civil Engineering (Lab)	STAT 220 Statistics I (Lab)	
	THEO 2XX or 3XX	Fine Arts Elective	
Year 4	ENGR 466 Transportation Engineering	ENGR 467 Environmental Engineering/Hydraulics/Hydrology	HIST 1XX
	ENGR 463 Soil Mechanics and Foundations (Lab)	ENGR 322 Dynamics (Lab)	
	ENGR 480 Design Clinic I	ENGR 481 Design Clinic II	
	PHIL 214 Introductory Ethics	THEO 4XX	