

Bachelor of Science in Civil Engineering and Peace Engineering Minor 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	PHIL 115 Philosophy of the Human Person
	ENGL 121 Critical Thinking: Literature and Writing	PHYS 211 Classical Physics I	
	Foreign Language 111	Foreign Language 112	
Year 2	ENGR 220 Statics	GEOL 163 Applied Geology (Lab)	PHIL 214 Introductory Ethics
	PHYS 212 Classical Physics II	ENGR 221 Mechanics of Materials (Lab)	THEO 2XX or 3XX
	JPST 250 Introduction to Justice & Peace Studies	MATH 210 Introduction to differential equations	
	Foreign Language 211	ENGL 20X Texts in Conversation	
Year 3	ENGR 362 Construction and Engineering Economic Analysis (Lab)	ENGR 363 Civil Engineering Materials (Lab)	Significant Experience
	ENGR 364 Structural Analysis	ENGR 365 Design of Steel and Concrete Structures	THEO 421 Theo. of J&P
	STAT 220 Statistics I (Lab)	CHEM 109 General Chemistry for Engineers (Lab)	
	JPST 3XX Focus Class	ENGR 322 Dynamics (Lab)	
Year 4	ENGR 466 Transportation Engineering	ENGR 467 Environmental Engineering/Hydraulics/Hydrology	Fine Arts Elective
	ENGR 463 Soil Mechanics and Foundations (Lab)	ENGR 368 Fluid Mechanics for Civil Engineering (Lab)	
	ENGR 480 Design Clinic I	ENGR 481 Design Clinic II	
	Social Science (ECON 251)	HIST 1XX	
	JPST 473 Voc. Seminar (0 cr.)		

Revised 08/2019