

**B.S. CIVIL ENGINEERING**  
**Plan of Study (Minor in Peace Engineering)**

Year 1	<b>Fall</b>		<b>Spring</b>
	FYEX Foundation for College Success		
	ENGR 100 Introduction to Engineering Design + ENGR 162 Intro to Eng. Graphics (3 Cr.)		DASC 120 Statistics I (Lab)
	MATH 113 Calculus I		MATH 114 Calculus II
	GEOL 163 Applied Geology (Lab)		PHYS 211 Classical Physics I
	CORE requirement		CORE requirement
	<b>January-term</b>		<b>Summer</b>
CORE requirement	↔		
Year 2	<b>Fall</b>		<b>Spring</b>
	ENGR 160 Surveying (2 Cr.)		
	ENGR 220 Statics		ENGR 221 Mechanics of Materials (Lab)
	MATH 210 Introduction to Differential Equations & Systems		SCI/MATH Elective (4 Cr.)
	CHEM 109 General Chemistry for Engineers (Lab) –OR– CHEM 111 General Chemistry I (Lab)		ENGR 368 Fluids Mechanics for Civil Engineering (Lab)
	JPST 250 Introduction to Justice & Peace Studies		THEO 227 Contexts: Justice & Peace
	<b>January-term</b>		<b>Summer</b>
CORE requirement	↔		
Year 3	<b>Fall</b>		<b>Spring</b>
	ENGR 362 Construction & Engineering Economic Analysis (Lab)		CIVIL Major Course
	CIVIL Major Course		CIVIL Major Course
	CIVIL Major Course		CIVIL Major Course
	CORE requirement		JPST 3XX Justic & Peace Focus Course
	<b>January-term</b>		<b>Summer</b>
	CORE requirement	↔	ENGR 480 Design Clinic I Abroad
Year 4	<b>Fall</b>		<b>Spring</b>
	CIVIL Major Course		CIVIL Major Course
	CIVIL Elective Course		CIVIL Elective Course (Optional)
	ENGR 481 Design Clinic II		CORE requirement
	CORE requirement		CORE requirement
	JPST 473 Vocational Seminar		
	<b>January-term</b>		<b>Summer</b>

REFERENCE THE GENERAL PLAN OF STUDY FOR CURRICULUM REQUIREMENTS AND COURSE OFFERINGS

# B.S. CIVIL ENGINEERING

## Plan of Study (Minor in Peace Engineering)

### Peace Engineering Minor Requirements:

- JPST 250\* – Introduction to Justice & Peace Studies (4 credits)
- JPST 3XX\* – Justice & Peace Focus Course (4 credits)
- THEO 227 – Contexts: Justice & Peace (4 credits)
- ENGR 480/481 – Engineering Design Clinic I & II (Peace Engineering Designated Project, 8 credits) [see ENGR]
- JPST 473 – Vocational Seminar (Concurrent with ENGR 480 or 481, 0 credits)
- Essay on community experience of poverty, injustice, social conflict, or marginalization (0 credits)
- \*credits will count towards Integration in the Humanities (submitted for approval)
- 12 Peace Engineering Minor Requirement Credits