

**B.S. in Computer Engineering and Peace Engineering Minor  
Plan of Study- Peace Engineering Program**

	<b>Fall</b>	<b>Spring</b>	<b>Summer/ J-Term</b>
<b>Year 1</b>	<b>ENGR 150</b> Introduction to Engineering	↔	
	<b>MATH 113</b> Calculus I	<b>MATH 114</b> Calculus II	<b>THEO 101</b> The Christian Theological Tradition
	<b>CISC 130</b> Introduction to Programming and Problem Solving in the Sciences	<b>CISC 230</b> Object-Oriented Design and Programming	<b>PHIL 115</b> Philosophy of the Human Person
	<b>ENGR 230</b> Digital Design	<b>PHYS 211</b> Classical Physics I	
	<b>ENGL 121</b> Critical Thinking: Literature & Writing	<b>MATH 128</b> Intro to Discrete Math	
<b>Year 2</b>	<b>ENGR 330</b> Microprocessor Architectures (or CISC 340 Computer Architecture in Spring Semester)	<b>PHYS 212</b> Classical Physics II (LAB)	<b>PHIL 214</b> Introductory Ethics
	<b>CISC 231</b> Data Structure using Object-Oriented Design	<b>ENGR 331</b> Designing with Microprocessors	<b>HIST 1XX</b>
	<b>JPST 250</b> Introduction to Justice and Peace Studies **	<b>ENGR 240</b> Circuit Analysis	
	<b>ENGL 20X</b> Texts in Conversation	Foreign Language 111*	
<b>Year 3</b>	<b>MATH 210</b> Introduction to Differential Equations and Systems	Foreign Language 112*	Significant Experience
	<b>ENGR 431</b> Design of Embedded Systems	Technical Elective I (ENGR or CISC 2XX, 3XX, 4XX)	<b>THEO 2XX or 3XX</b>
	<b>ENGR 345</b> Electronics I	Science/Math Elective I (PHYS/CHEM/BIO/MATH/STAT)	
	<b>CISC 310</b> Operating Systems	<b>JPST 3XX</b> Focus Class	
<b>Year 4</b>	<b>ENGR 480</b> Engineering Design Clinic I	<b>ENGR 481</b> Engineering Design Clinic II	Fine Arts Elective
	<b>JSPT 473</b> Vocational Seminar (0 cr.)	↔	
	<b>CISC 610</b> Software Engineering	Technical Elective II (ENGR or CISC 2XX, 3XX, 4XX)	
	Foreign Language 211*	Science/Math Elective II (PHYS/CHEM/BIO/MATH/STAT)	
	Social Science Elective	<b>THEO 421</b> Theologies of Justice and Peace	

\* May place out of one or more semesters if proficient at 3<sup>rd</sup> Level

\*\* Satisfies human diversity requirement

↔ denotes that the two courses can be interchanged