


Electrical Engineering & Study Abroad

Four-year Plan of Study* with Fall semester at Yonsei University in South Korea

	FALL	SPRING	J-TERM
Year 1	ENGR 150: Intro to Engineering (1 credit course fall or spring semester)		THEO 101: The Christian Theological Tradition
	MATH 113: Calculus I	MATH 114: Calculus II	
	CISC 130: Introduction to Programming and Problem Solving	PHYS 211: Classical Physics I	
	PHIL 115: Philosophy of the Human Person ←→	ENGR 230: Digital Design	
	ENGL 121: Critical Thinking: Literature and Writing	Fine Arts Core Requirement	
Year 2	PHYS 212: Classical Physics II	ENGR 240: Circuit Analysis	THEO 2XX or 3XX
	MATH 200: Multi-Variable Calculus ←→	MATH 210: Introduction to Differential Equations and Systems	
	Social Analysis Requirement	PHYS 225: Modern Physics	
	ENGL 201-204: Texts in Conversation	Foreign Language 111	
Year 3	EEE 2050 Electronic Circuits - (ENGR 345: Electronics I)	ENGR 346: Electronics II	PHIL 214: Introductory Ethics
	EEE 2060 Signal & Systems - (ENGR 340: Signals & Systems)	ENGR 410: Control Systems & Automation	
	EEE 3540 Microprocessors - (Engineering Elective I)	ENGR 331: Designing with Microprocessors	
	Foreign Language 112	Foreign Language 211	
Year 4	ENGR 480: Engineering Design Clinic I	ENGR 481: Engineering Design Clinic II	THEO 4XX
	PHYS 341: Electricity & Magnetism	ENGR 342: Electromagnetic Fields & Waves	
	Engineering Elective II	Engineering Elective IV	
	Engineering Elective III	History Core Requirement	

Notes:

*This is one snapshot of how the degree plan for this major can look and include study abroad. Meet with your academic advisor, and a study abroad advisor to personalize your plan.

 Semester in South Korea

** ←→ Denotes St. Thomas course interchangeable between semesters. Equivalencies listed **ONLY** apply to course noted within same column space.