

# Electrical Engineering & Study Abroad


Four-year Plan of Study\* with Fall semester at the University of Melbourne in Australia

	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	PHYC 10004 Physics II: Physical Science & Technology - (PHYS 212: Introduction to Classical Physics II)	ENGR 240: Circuit Analysis	THEO 2XX or 3XX
	MAST 20009 Vector Calculus - (MATH 200: Multi-Variable Calculus)	MATH 210: Introduction to Differential Equations and Systems	
	HIST 20070 Australia in World 1914-2014 - (History Core Requirement)	PHYS 225: Modern Physics	
	ENGL 201-204: Texts in Conversation	Foreign Language 111	
Year 3	ENGR 345: Electronics I	ENGR 346: Electronics II	PHIL 214: Introductory Ethics
	ENGR 340: Signals & Systems	ENGR 410: Control Systems & Automation	
	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	Social Analysis 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 Australia

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