

1st Year Conjoint

S1	COSC131 Introduction to Programming for Engineers	EMTH118 Engineering Mathematics 1A	PHYS101 Engineering Physics A	POLS104 Introduction to International Relations	
S2	ENGR102 Engineering Mechanics	EMTH119 Engineering Mathematics 1B	CHEM111 Chemical Principles and Processes	ENGR101 Foundations of Engineering	POLS102 Politics: An Introduction
	ENGR100 Academic Writing Assessment				

2nd Year Conjoint

S1	EMTH210 Engineering Mathematics 2	ENME202 Stress, Strain and Deformation in Machine Elements	POLS232 Media and Politics	WRIT118 Creative Writing: Skills, Techniques and Practice	WRIT101 Writing for Academic Success
S2	EMTH271 Mathematical Modelling and Computation 2	ENME203 Dynamics and Vibrations	WRIT233 Creative Writing: From Page to Stage	MAOR165 Tuakiri: Culture and Identity	POLS205 Politics of the United States of America
	ENME199 Workshop Training Course for Mechanical and Mechatronics Engineering			ENGR200 Engineering Work Experience	

3rd Year Conjoint

S1	ENME207 Materials Science and Engineering	ENME201 Design Communication	DISC222 Feature Screenwriting: The Treatment	POLS209 Politics of International Aid and Development
S2	ENME215 Engineering Thermodynamics	ENME221 Engineering Design and Manufacture	POLS212 Global and International Political Economy	POLS314 Militaries and Societies
	ENGR200 Engineering Work Experience			

4th Year Conjoint

Year 3 Elective				
S1	ENME301 Engineering Design and Production Management	ENME303 Controls and Vibrations	ENME314 Fluid Mechanics	ENME313 Electro Technology for Mechanical Engineers
S2	ENME311/351/362 Mechanical/Biomedical /Aerospace Engineering Design	ENME302 Computational and Applied Mechanical Analysis	ENME315 Heat Transfer	POLS308 International Politics: Aotearoa New Zealand Foreign Policy
ENGR200 Engineering Work Experience				

5th Year Conjoint

	Year 3 Courses			
S1	ENME408 Honours Research and Development Project (FYP)	ENME401 Mechanical Systems Design	400-level Mechanical Engineering elective	400-level Mechanical Engineering elective
S2		ENME418 Engineering Management and Professional Practice for Mechanical Engineers	WRIT350 Creative Writing: New Narratives	
	ENGR200 Engineering Work Experience			

Disclaimer: This is a sample study plan, which is subject to vary year to year depending on programme changes and course offerings. Please refer any queries regarding this study plans to the Faculty of Engineering student advisors at engdegreadvice@canterbury.ac.nz or phone 03 369 1717.

ENME307 has been removed from the Mechanical program to allow enough points with the elective.

Minors: Require all specified Mechanical Engineering course requirements plus an ENME408 FYP in chosen minor and the following:

From 2022 [Aerospace Minor](#): ENME362 (replaces ENME311) and two (2) of: ENGR401, ENME404, ENME460 and any applicable Special Topics.

From 2019 [Biomedical Minor](#): ENME351 (replaces ENME311) and MDPH401 and one (1) of: ENME451, MDPH406 and any applicable Special Topics.