

1st Year Conjoint

S1	COSC131 Introduction to Programming for Engineers	EMTH118 Engineering Mathematics 1A	PHYS101 Engineering Physics A	MGMT100 Fundamentals of Management	
S2	ENGR102 Engineering Mechanics	EMTH119 Engineering Mathematics 1B	CHEM111 Chemical Principles and Processes	ENGR101 Foundations of Engineering	MGMT170 Managerial Decision Making
	ENGR100 Academic Writing Assessment				

2nd Year Conjoint

S1	EMTH210 Engineering Mathematics 2	ENME202 Stress, Strain and Deformation in Machine Elements	MKTG100 Principles of Marketing	ACCT102 Accounting and Financial Information	STAT101 Statistics 1
S2	EMTH271 Mathematical Modelling and Computation 2	ENME203 Dynamics and Vibrations	ECON104 Introduction to Microeconomics	FINC201 Business Finance	BSNS201 Business and Culture
	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	ECON222 International Trade	MGMT221 International Business	200-level BCom elective (e.g. FINC203 Financial Markets, Institutions and Instruments)
S2	ENME215 Engineering Thermodynamics	ENME221 Engineering Design and Manufacture	MGMT224 Management in Emerging Markets	INFO123 Business Information Systems and Technology	
	BSNS299 UC Employability Portfolio			ENGR200 Engineering Work Experience	

4th Year Conjoint

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	MGMT324 International Entrepreneurship	MGMT332 International Management
	ENGR200 Engineering Work Experience				

5th Year Conjoint

S1	ENME408 Honours Research and Development Project (FYP)	ENME401 Mechanical Systems Design	400-level Mechanical Engineering elective	400-level Mechanical Engineering elective	MGMT344 Strategic Management
S2		ENME418 Engineering Management and Professional Practice for Mechanical Engineers	300-level BCom elective (e.g. FINC344 International Finance)	MGMT346 Global Strategy	
	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.