

1st Year Conjoint

S1	PHYS101 Engineering Physics A	EMTH118 Engineering Mathematics 1A	COSC131 Introduction to Programming for Engineers	ENGR101 Foundations of Engineering	
S2	EMTH119 Engineering Mathematics 1B	MATH120 Discrete Mathematics	COSC122 Introduction to Computer Science	DATA101 Introduction to Data Science	SCIE101 Science, Society and Me
	ENGR100 Academic Writing Assessment				

2nd Year Conjoint

S1	SENG201 Software Engineering 1	COSC262 Algorithms	DATA203 Data Science Multivariable Methods	STAT201 Applied Statistics	
S2	ENCE260 Computer Systems	COSC264 Introduction to Computer Networks and the Internet	DATA201 Data Wrangling	COSC265 Relational Database Systems	100-level or above Data Science elective (e.g. INFO260 Data Management)
	SENG199 Software Engineering Workshop Training			ENGR200 Engineering Work Experience	

3rd Year Conjoint

S1	COSC261 Formal Languages and Compilers	EMTH210 Engineering Mathematics 2	STAT211 Random Processes	DATA301 Big Data Computing and Systems	STAT315 Multivariable Statistical Methods and Applications
S2	SENG202 Software Engineering Project Workshop	300-level Software Engineering elective	DATA303 Computational Data Methods	PHIL240 Bioethics: Life, Death and Medicine	
	ENGR200 Engineering Work Experience				

4th Year Conjoint

S1	SENG302 Software Engineering Group Project	SENG301 Software Engineering 2	SENG365 Web Computing Architectures	300-level Software Engineering elective	STAT318 Statistical Learning
S2		ENEL301 Fundamentals of Engineering Economics and Management	COSC368 Human-Computer Interaction	COSC367 Artificial Intelligence	
	ENGR200 Engineering Work Experience				

5th Year Conjoint

S1	SENG402 Software Engineering Research Project	SENG401 Software Engineering 3	400-level Software Engineering elective	400-level Software Engineering elective
S2		SENG406 Software Security	400-level Software Engineering elective	DATA309 Data Science Capstone Project
	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 engdegreeadvice@canterbury.ac.nz or phone 03 369 1717.