

Bachelor of Engineering (Honours)/Master of Engineering

Civil and Environmental Engineering Field of Study (Industry Placement)

Suggested Study Plan for Semester 1 Start


Valid from 2024

1 The table below shows the required:

CORE Courses	Specialisation	Compulsory Extension Courses
Prep Courses or General Elective	Advanced Engineering Electives	Engineering Electives
Minor	Major	

Y1	Sem 1	MATH1051 Calculus & Linear Algebra 	ENGG1100 Professional Engineering 	ENGG1700 Statics and Materials 	Elective
	Sem 2	MATH1052 Multivariate Calculus & ODEs 	ENGG1001 Programming for Engineers 	Elective	Elective
Y2	Sem 1	CIVL2135 Introduction to Enviro Engineering	CIVL2330 Structural Mechanics	CIVL2131 Environmental Fluid Mechanics	CIVL2530 Statistics and Data Analysis
	Sem 2	CIVL3360 Reinforced Concrete Design	CIVL2210 Soil Mechanics	CIVL3155 Hydrology & Free Surface Flows	CIVL2420 Fundamentals of Transportation Engineering
Y3	Sem 1	CIVL3530 Data Analytics in Civil Engineering	CIVL3210 Geotechnical Engineering	ENVE3160 Environmental Phenomena	Civil BE/ME Advanced Elective or Civil Masters Elective
	Sem 2	CIVL3520 Project Mgt & Professional Practice	ENVE3150 Environmental Systems Dynamics and Modelling	ENVE2501 Environmental Systems	Civil BE/ME Advanced Elective or Civil Masters Elective
Y4	Sem 1	CIVL4170 Risk Analysis in Civil Engineering	ENVE4610 Engineering the Circular Economy	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective
	Sem 2	CIVL7292 Risk Analysis in Civil Engineering			
Y5	Sem 1	Civil Masters Elective	Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective
	Sem 2	ENGG7701 Engineering Grand Challenges	CIVL4516 or CIVL4518 Integrated Design	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective

2 Fill the remaining free slots with same-level or higher **Preparatory Courses or Electives** and Advanced Electives from the BE (Hons)/ ME Civil Engineering Field of Study courses list at my.UQ

 Course offered in both Semester 1 & 2.

Students must follow the program rules and requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.