Bachelor of Engineering (Honours)/Master of Engineering

Civil and Enviromental Engineering Field of Study

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

CREATE CHANGE

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 (1+2)	**ENGG1100** Professional Engineering (1+2)	**ENGG1700** Statics and Materials (1+2)	**Elective**
	Sem 2	**MATH1052** Multivariate Calculus & ODEs (1+2)	**ENGG1001** Programming for Engineers (1+2)	**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 & Env BE/ME Advanced Elective or Civil & Env Masters Elective**
	Sem 2	**CIVL3520** Project Mgt & Professional Practice	**Civil & Env. BE/ME Advanced Elective**	**ENVE2501** Environmental Systems	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**
Y4	**Sem 1**	**CIVL4170** Risk Analysis in Civil Engineering	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**	**ENVE4610** Engineering the Circular Economy	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**
	Sem 2	**CIVL4516 or CIVL4518** Integrated Design	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**	**ENVE3150** Env Systems Dynamics & Modelling	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**
Y5	**Sem 1**	**Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective**	**Civil and Environmental Masters Elective**	**CIVL7500** Research Thesis	
	Sem 2	**ENGG7701** Engineering Grand Challenges	**Civil and Environmental 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 and Enviromental Engineering Field of Study courses list at my.UQ

(1+2) 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.

Study plan last modified: Tuseday, 7 November 2023