

# Bachelor of Engineering (Honours)/Master of Engineering Civil 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	<b>MATH1051</b> Calculus & Linear Algebra 	<b>ENGG1100</b> Professional Engineering 	<b>ENGG1700</b> Statics and Materials 	Elective
	Sem 2	<b>MATH1052</b> Multivariate Calculus & ODEs 	<b>ENGG1001</b> Programming for Engineers 	Elective	Elective
Y2	Sem 1	<b>CIVL2135</b> Introduction to Enviro Engineering	<b>CIVL2330</b> Structural Mechanics	<b>CIVL2131</b> Environmental Fluid Mechanics	<b>CIVL2530</b> Statistics and Data Analysis
	Sem 2	<b>CIVL3360</b> Reinforced Concrete Design	<b>CIVL2210</b> Soil Mechanics	<b>CIVL3155</b> Hydrology & Free Surface Flows	<b>CIVL2420</b> Fundamentals of Transportation Engineering
Y3	Sem 1	<b>CIVL3530</b> Data Analytics in Civil Engineering	<b>CIVL3210</b> Geotechnical Engineering	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective
	Sem 2	<b>CIVL3520</b> Project Mgt & Professional Practice	Civil BE/ME Advanced Elective	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective
Y4	Sem 1	<b>CIVL4170</b> Risk Analysis in Civil Engineering	Civil & Env. BE/ME Advanced Elective or Civil & Env. Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective	Civil BE/ME Advanced Elective or Civil Masters Elective
	Sem 2	<b>CIVL7292</b> 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	<b>ENGG7701</b> Engineering Grand Challenges	<b>CIVL4516 or CIVL4518</b> 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.