

# BE (HONS) CIVIL - GENERAL CIVIL ENGINEERING MAJOR

## Recommended Study Plan

This study plan is a guide only for students commencing the Bachelor of Engineering (Hons) in Civil Engineering in 2021 or 2022. The major has been discontinued from 2023. Please note that all course selections must adhere to the program course list outlined at [UQ Courses and Programs](#). If you have any questions or concerns regarding your course selections, please speak with an [Academic Advisor](#) in the School of Civil Engineering.

### February Commencement

SEM YEAR 1				
Sem 1 Feb	MATH1051 Calculus & Linear Algebra	ENGG1100 Professional Engineering	ENGG1700 Statics and Materials	Elective
Sem 2 July	MATH1052 Multivariate Calculus & ODEs	ENGG1001 Programming for Engineers	BE (Hons) Program Elective	Elective
SEM YEAR 2				
Sem 3 Feb	CIVL2135 Introduction to Enviro Engineering	CIVL2330 Structural Mechanics	CIVL2131 Environmental Fluid Mechanics	CIVL2530 Statistics and Data Analysis
Sem 4 July	CIVL3360 Reinforced Concrete Design	CIVL2210 Soil Mechanics	CIVL3155 Hydrology and Free Surface Flows	CIVL2420 Fundamentals of Transport Engineering
SEM YEAR 3				
Sem 5 Feb	CIVL3530 Data Analytics in Civil Engineering	CIVL3210 Geotechnical Engineering	CIVL3340 Structural Analysis	CIVL3380 Structural Steel Design
Sem 6 July	CIVL3520 Project Mgt & Professional Practice	Adv Civil Elective	Adv Civil Elective	Adv Civil Elective
SEM YEAR 4				
Sem 7 Feb	CIVL4170 Environmental Risk Assessment and Management	CIVL4600 Research Project or CIVL4604 Research Thesis (Part A) or Adv Civil Elective	CIVL6121 Environmental Hydraulics and Flood Management	CIVL3420 Sustainable Transport Engineering - Planning and Design
Sem 8 July	CIVL4514 or CIVL4516 Capstone Design (Built or Natural environment)	CIVL4600 Research Project or CIVL4604 Research Thesis (Part B) or Adv Civil Elective	Adv Civil Elective	Adv Civil Elective

Refer to the 2022 course list for electives: <https://my.uq.edu.au/programs-courses/requirements/program/2455/2022>

Adv Civil Elective = Civil Engineering Advanced Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/program/2455/2021#part-C.4.1>)

Elective are either BE(Hons) Program Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/program/2455/2021#part-C.4.3>) or General Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/program/2455/2021#part-C.4.4>)



UQ School of Civil Engineering

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### July Commencement

SEM	YEAR 1			
Sem 1 July	<a href="#">MATH1051</a> Calculus & Linear Algebra	<a href="#">ENGG1100</a> Professional Engineering	<a href="#">ENGG1700</a> Statics and Materials	Elective
Sem 2 Feb	<a href="#">MATH1052</a> Multivariate Calculus & ODEs	<a href="#">ENGG1001</a> Programming for Engineers	BE (Hons) Program Elective	Elective
SEM	YEAR 2			
Sem 3 July	<a href="#">CIVL3360</a> Reinforced Concrete Design	<a href="#">CIVL2210</a> Soil Mechanics	<a href="#">CIVL3155</a> Hydrology and Free Surface Flows	<a href="#">CIVL2420</a> Fundamentals of Transport Engineering
Sem 4 Feb	<a href="#">CIVL2135</a> Introduction to Enviro Engineering	<a href="#">CIVL2330</a> Structural Mechanics	<a href="#">CIVL2131</a> Environmental Fluid Mechanics	<a href="#">CIVL2530</a> Statistics and Data Analysis
SEM	YEAR 3			
Sem 5 July	<a href="#">CIVL3520</a> Project Mgt & Professional Practice	Adv Civil Elective	Adv Civil Elective	Adv Civil Elective
Sem 6 Feb	<a href="#">CIVL3530</a> Data Analytics in Civil Engineering	<a href="#">CIVL3210</a> Geotechnical Engineering	<a href="#">CIVL3340</a> Structural Analysis	<a href="#">CIVL3420</a> Sustainable Transport Engineering - Planning and Design
SEM	YEAR 4			
Sem 7 July	<a href="#">CIVL4514</a> or <a href="#">CIVL4516</a> Capstone Design (Built or Natural Environment)	<a href="#">CIVL4600</a> Research Project or <a href="#">CIVL4606</a> Research Thesis (Part A) or Adv Civil Elective	Adv Civil Elective	Adv Civil Elective
Sem 8 Feb	<a href="#">CIVL4170</a> Environmental Risk Management	<a href="#">CIVL4600</a> Research Project or <a href="#">CIVL4606</a> Research Thesis (Part B) or Adv Civil Elective	<a href="#">CIVL6121</a> Environmental Hydraulics and Flood Management	<a href="#">CIVL3380</a> Structural Steel Design

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Elective are either BE(Hons) Program Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/program/2455/2021#part-C.4.3>) or General Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/program/2455/2021#part-C.4.4>)



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