

# BE (HONS) CIVIL - NO MAJOR - CIVIL ENGINEERING

## Example study plan to maximise breadth and diversity of Civil Engineering topics

This study plan is a guide only for students commencing the Bachelor of Engineering (Hons) in Civil Engineering in 2023. Please note that all course selections must adhere to the program course list outlined at [UQ Courses and Programs](https://my.uq.edu.au/programs-courses/requirements/program/2455/2023). If you have any questions or concerns regarding your course selections, please speak with an [Academic Advisor](https://my.uq.edu.au/programs-courses/requirements/program/2455/2023) in the School of Civil Engineering.

### February Commencement

SEM	YEAR 1			
Sem 1 Feb	<a href="#">MATH1051</a> Calculus & Linear Algebra	<a href="#">ENGG1100</a> Professional Engineering	<a href="#">ENGG1700</a> Statics and Materials	Elective
Sem 2 July	<a href="#">MATH1052</a> Multivariate Calculus & ODEs	<a href="#">ENGG1001</a> Programming for Engineers	BE (Hons) Program Elective	Elective
SEM	YEAR 2			
Sem 3 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 4 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 Transportation Engineering
SEM	YEAR 3			
Sem 5 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
Sem 6 July	<a href="#">CIVL3520</a> Project Mgt & Professional Practice	<a href="#">CIVL6111</a> Ocean, Coastal and Estuarine Engineering	<a href="#">ENVE3150</a> Environmental Systems Dynamics & Modelling	<a href="#">CIVL4334</a> Design of Timber Structures
SEM	YEAR 4			
Sem 7 Feb	<a href="#">CIVL4170</a> Environmental Risk Assessment and Management	<a href="#">CIVL4600</a> Research Project or <a href="#">CIVL4604</a> Research Thesis (Part A) or Adv Civil Elective	<a href="#">CIVL6121</a> Environmental Hydraulics and Flood Management	<a href="#">ENVE4610</a> Engineering the Circular Economy
Sem 8 July	<a href="#">CIVL4518</a> or <a href="#">CIVL4516</a> Capstone Design (Built or Natural Environment)	<a href="#">CIVL4600</a> Research Project or <a href="#">CIVL4604</a> Research Thesis (Part B) or Adv Civil Elective	<a href="#">CIVL3220</a> Rock Mechanics	<a href="#">CIVL4460</a> Highway Geometric Design

Refer to the 2023 course list for electives: <https://my.uq.edu.au/programs-courses/requirements/program/2455/2023>

Adv Civil Elective = Civil Engineering Advanced Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/plan/CIVILE2455/2023>)



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 Transportation 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	<a href="#">CIVL6111</a> Ocean, Coastal and Estuarine Engineering	<a href="#">ENVE3150</a> Environmental Systems Dynamics & Modelling	<a href="#">CIVL4460</a> Highway Geometric Design
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
SEM YEAR 4				
Sem 7 July	<a href="#">CIVL4518 or 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	<a href="#">CIVL3220</a> Rock Mechanics	<a href="#">CIVL4334</a> Design of Timber Structures
Sem 8 Feb	<a href="#">CIVL4170</a> Environmental Risk Assessment and 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="#">ENVE4610</a> Engineering the Circular Economy

Refer to the 2023 course list for electives: <https://my.uq.edu.au/programs-courses/requirements/program/2455/2023>

Adv Civil Elective = Civil Engineering Advanced Elective Courses (<https://my.uq.edu.au/programs-courses/requirements/plan/CIVILE2455/2023>)



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