



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Master of Engineering Science (Civil Engineering)



Master of Engineering Science (Civil Engineering) - Study Plan

This study plan is a guide only for students commencing the Master of Engineering Science (Civil Engineering) in 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.

Complete 16 units comprising:

4 to 8 units from MEngSc (Civil Engineering) Research Project Courses, and
8 to 12 units from MEngSc (Civil Engineering) Discipline Elective Course

CIVL7515 (#4 units) may be taken over one semester and is equivalent to CIVL7513/4

CIVL7500/1 (#8 units) may be taken in lieu of CIVL7513 and two electives.

Please see page 3 for Advanced Undergraduate Elective Courses

February 2023 Commencement

SEM	YEAR 1			
Sem 1 Feb	CIVL7513 Research Project	Elective	Elective	Elective
Sem 2 July		Elective	Elective	Elective
Enrol in CIVL7513 in both semesters				

July 2023 Commencement

SEM	YEAR 1			
Sem 2 July	CIVL7514 Research Project	Elective	Elective	Elective
Sem 1 FEB		Elective	Elective	Elective
Enrol in CIVL7514 in both semesters				

Course Code	Course Title	Sem	Notes
MEngSc (Civil Engineering) Research Project Courses 4 Unit			
CIVL7513	Research Project	1	Year long project; Enroll in both semesters
CIVL7514	Research Project	2	Year long project; Enroll in both semesters
CIVL7515	Research Project	1 & 2	
MEngSc (Civil Engineering) Research Project Courses 8 Unit			
CIVL7500	Research Thesis	1	Year long project; Enroll in both semesters
CIVL7501	Research Thesis	2	Year long project; Enroll in both semesters
MEngSc (Civil Engineering) Discipline Elective Courses			
CIVL6210	Dam Engineering	2	
CIVL6215	Ground Improvement	1	
CIVL6250	Underground Structures	2	Starts in 2024
CIVL6415	Traffic Analysis and Simulation	2	
CIVL7131	Urban Hydrology	1	
CIVL7315	Advanced Concrete Structures and Concrete Technology	2	
CIVL7360	Computational Design and Digital Workflows	2	
CIVL7415	Spatial and Quantitative Methods for Transport Data Analytics	1	
CIVL7505	Research Methods for Civil Engineers	2	
FIRE7600	Introduction to Fire Safety Engineering	1	
FIRE7620	Fire Dynamics	2	
FIRE7660	Structural Fire Engineering	1	