

GEOTECHNICAL, CONCENTRATION (0117)

Western Sydney University Concentration Code: 0117

Previous Code: SM3066.1

Available to students in other Western Sydney University programs?

No

Location

Campus	Mode	Advice
Penrith Campus	Internal	beng@westernsydney.edu.au

Concentration Structure

This concentration is only available to students enrolled in Bachelor of Engineering (Honours) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) or 3689 Bachelor of Engineering - Civil major only.

From 2024, please refer to Geotechnical, Minor (0117) (<https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/geotechnical-minor/#text>) This minor is available to all students in Bachelor of Engineering (Honours) (3740) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) and Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>).

Students must complete 4 subjects as follows.

Subject	Title	Credit Points
Students must complete 40 credit points from the following		40
CIVL 3022	Bridge Embankment Design	
CIVL 3018	Hydrogeology	
CIVL 4008	Pile Foundations	
CIVL 4021	Sustainable Waste Engineering	
Total Credit Points		40

Equivalent Subjects

The subjects listed below count towards completion of this concentration for students who passed these subjects in 2023 or earlier.

EART 3004 Hydrogeology, replaced by CIVL 3018 Hydrogeology

CIVL 4011 Waste Management, replaced by CIVL4021 Sustainable Waste Engineering

Replaced Subjects

The subjects listed below count towards completion of this concentration for students who passed these subjects in 2022 or earlier.

CIVL 3010 Highway Infrastructure replaced by CIVL 3022 Bridge Embankment Design (Spring 2023)

Related Programs

Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>)