



Course

Geomechanics

CVEN9512

6 Units of Credit

Overview

Fundamentals of the effective stress concept, seepage analysis and Laplace Equation, basic and advanced theories of consolidation, nonlinearity and Biots theorem, soil liquefaction, seismic analysis of embankment dams, critical state soil mechanics, fundamentals of continuum mechanics, theory of elasticity, constitutive relationships and failure criteria for real soils, soil plasticity and Cam-clay model, fundamentals of unsaturated soils mechanics

Faculty

Faculty of Engineering

School

School of Civil and Environmental Engineering

Study Level

Postgraduate

Offering Terms

Term 1

Campus

Kensington

Indicative contact hours

3

Timetable

[Visit timetable website for details](#)

Course Outline

To access course outline, please visit:

[CVEN9512 Course Outline](#)

Fees

Commonwealth Supported Students \$1170

Domestic Students \$4350

International Students \$5730

DISCLAIMER

Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the [fee website](#).

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.

Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

[Pre-2019 Handbook Editions](#)

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Authorised by Deputy Vice-Chancellor (Academic)

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