



Course

Applied Geotechnics and Engineering Geology

CVEN3203

6 Units of Credit

Overview

This course covers two important areas of geotechnical engineering: geology and applied geotechnics. The geology section covers the earth and its formation, rock types; their behaviour and properties and subsurface mapping. The topics in the applied geotechnics include: theoretical and presumptive bearing capacity of shallow foundations, allowable settlement and foundations on sand and clay, lateral earth pressures, retaining wall design, single axially and laterally loaded piles and pile groups, excavation and dewatering.

Faculty

Faculty of Engineering

School

School of Civil and Environmental Engineering

Study Level

Undergraduate

Offering Terms

Term 1

Campus

Kensington

Indicative contact hours

5

Timetable

[Visit timetable website for details](#)

Conditions for Enrolment

Prerequisite: CVEN2201 or CVEN3202

Equivalent Courses

CVEN3201 6 UOC

Applied Geotechnics and Engineering Geology

Course Outline

To access course outline, please visit:

[CVEN3203 Course Outline](#)

Fees

Commonwealth Supported Students \$1191

Domestic Students \$5970

International Students \$5970

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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