

# EART 1004 SOILS

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**Credit Points** 10

**Legacy Code** 300823

**Coordinator** Jason Reynolds ([https://directory.westernsydney.edu.au/search/name/Jason Reynolds/](https://directory.westernsydney.edu.au/search/name/Jason%20Reynolds/))

**Description** This subject provides students with a basic understanding of soil formation and erosion processes, soil physical, chemical and biological properties, and the diversity and classification of soils in the Australian landscape. These basic principles are explored in relation to the sustainable management of soils for horticultural and agricultural production and for environmental management, other land uses and in relation to forensic investigation and studies. The practical sessions are designed to reinforce the lecture material and include field description and analysis of soil profiles and properties, soil sampling principles and practice, laboratory measurement of soil physical and chemical properties essential/important for plant growth, soil biology and human and animal remains.

**School** Science

**Discipline** Soil Science

**Student Contribution Band** HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 1 subject

**Equivalent Subjects** LGYA 6191 - Noise Assessment PUBH 1003 - Environment and Health

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Practical Reports	1000 words x 3	40	N	Individual
Mid Semester Quiz: True/False, Multiple Choice, Short Answers Included	1 hour	30	N	Individual
Final Exam	2 hours	30	N	Individual

Teaching Periods