

STUDY THEME:

LANDSCAPE, ENVIRONMENT AND ECOLOGY OF AUSTRALIA

STUDY ABROAD AT UOW

Study Abroad students can select a program of study for one or two sessions from any of the academic disciplines at the University of Wollongong. A series of study packages covering various academic themes has been developed to assist with the planning process. Some of the themes include opportunities for students to incorporate an extra dimension to their semester abroad through an associated volunteering, service learning or internship relevant to the topic.

The selection of subjects highlights offerings in the particular study area in either Autumn (February-June) session or Spring (July-November) session. The themes are indicative only and students have the flexibility to substitute subjects from any of the academic faculties.

More information about the subjects, including individual subject descriptions, assessment requirements and pre-requisite information is available in the Undergraduate Handbook at: www.uow.edu.au/handbook

The latest timetable information for Wollongong campus offerings is at www.uow.edu.au/student/timetables

Detailed subject descriptions can be provided upon request. studyabroad@uow.edu.au

A complete list of subjects https://sols.uow.edu.au/owa/sid/CAL.USER_CALENDAR_SELECT_SCREEN

This theme offers Study Abroad students the opportunity to understand the environment and ecology of Australia through subjects offered by the Faculty of Science. It will be relevant to students with an interest in geography, environmental & earth sciences, conservation, cultural studies or biology.

A distinctive feature of the Faculty of Science at UOW is the close connection between research and undergraduate teaching. Undergraduate students have access to researchers at the forefront of their fields as the top researchers also lecture and conduct practical classes.

International level flagship research groups within the Faculty include:

- > Institute for Conservation Biology & Law
- > GeoQuest (research interests in earth processes, environmental change and human interactions)
- > Centre for Atmospheric Chemistry

ADDITIONAL OPPORTUNITIES:

Volunteer opportunities with organisations such as Conservation Volunteers of Australia, UOW Science Centre & Planetarium (as explainers to visiting school groups) and local environment groups.

Faculty of Science research internship opportunities

may be available to approved 3rd year science students. Topics vary from session to session. Spring Session (July-Dec) 2009 topics included 'Climate change effect on arid Australia during the past 100,000 years', 'Drought, land degradation, and the beginnings of Central Australian ecological research in the 1960s' and 'How long can we sustain our soil resources?'

www.uow.edu.au/science/researchinternships

Field activities: Many Faculty of Science classes include field studies as part of the regular curriculum.

Geology students enrolling in Spring Session (July-November) may be interested in continuing in EESC 250 Field Geology. This subject is offered as a 12 day field tutorial to view, describe and interpret well-exposed, coastal rock sequences on the south coast of New South Wales. All work for the subject is completed by early December. Field costs \$185 in addition to a pro-rata tuition fee.

SUBJECT INFORMATION:

	SUBJECT CODE	SUBJECT NAME	PRE-REQUISITE KNOWLEDGE
Autumn session (Feb-July)	BIOL 104	Evolution, Biodiversity & Environment	None
	BIOL 251	Principles of Ecology & Evolution	BIOL 103, BIOL 104 & BIOL 105
	BIOL 240	Functional Biology of Plants & Animals	BIOL 103, BIOL 104 & BIOL 105
	EESC 101	Planet Earth	None
	EESC 103	Landscape Change and Climatology	None
	EESC 203	Biogeography & Environmental Change	12 cp at 100 level in geography or geology
	HIST 239	Water in Australia: An Environmental History	36 cp at 100 level
	STS 300	The Environmental Context	Any 36 cp
	ABST 201	Redefining Eden: Indigenous Peoples & the Environment	36 cp at 100 level
Additional subject options for students with a strong background in biology (or other relevant science majors)	BIOL 351	Conservation Biology: Marine & Terrestrial Populations	BIOL 251 & STAT 252
	SCIE 292	Science Research Internship	For science majors
Spring Session (July-November)	BIOL 103	Molecules, Cells & Organisms	None
	BIOL 241	Biodiversity: Classification & Sampling	BIOL 103, BIOL 104 & BIOL 105
	SCIE 103	Climate Change	None
	EESC 102	Earth, Environment & Resources	None
	EESC 104	The Human Environment: Problems & Change	None
	EESC 202	Soils, Landscapes & Hydrology	12 cp 100 level in geology or earth sciences
	EESC 206	Discovering Downunder: A Geography of Australia	12 cp at 100 level in any discipline
	EESC 208	Environmental Impact of Societies	12 cp at 100 level in any discipline
	EESC 210	Social Spaces: Urban & Rural	Normally EESC104 or GEOS142 or 6 credit points of 100-level Sociology (includes fieldtrips to farms and country towns)
	ABST 150	Introduction to Aboriginal Studies	None
	STS 116 or 218	Environment in Crisis	None
STS 238	Changing Images of Nature: from Renaissance to the Present	Any 36 cp	
Additional subject options for students with a strong background in biology (or other relevant science majors)	BIOL 351	Conservation Biology: Marine & Terrestrial Populations (Environmental Science)	BIOL 251 & STAT 252
	SCIE 292	Science Research Internship	For science majors
	EESC 308	Environmental & Heritage Management	12 cp at 200 level in EESC or GEOS

LEVELS OF STUDY

100 level: a subject at first year level, usually introductory

200 level: a subject at second year level, normally requires some background knowledge.

300 level: a subject at third year level, advanced level undergraduate

Standard load: one year of full-time study is equivalent to 48 credit points, or 24 credit points each academic session

GLOSSARY:

- > **Subject** a unit of study within a program or degree (called a course in the US system)
- > **Assessment** work which a student is required to complete to provide a basis for an official record of achievement or certification of competence in a subject.

> **Credit point** the value that indicates the study load attached to the subject. One credit point has an implied workload of 2 hours per week- for example, a six credit point subject represents a minimum of 12 hours of work per week: this may be 3 hours of classes, 4 hours of reading and 5 hours of personal study.

> **Faculty** a group of Academic Units or Schools

> **Timetable** a weekly schedule of subject meeting times which may include lectures, tutorial, labs and workshops.

> **Tutorial** often called a tute, a small discussion group, led by a tutor, designed to provide more detailed coverage of subject content.

> **Uni** a common term for a university in Australia

CONTACT INFORMATION:

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