Biological, Earth and Environmental Sciences

Postgraduate Coursework Degrees and Research Degrees

Never Stand Still | Science | Biological, Earth and Environmental Sciences

The School of Biological, Earth and Environmental Sciences (BEES) is the university's hub for investigation into all aspects of the world and environment. From the deep interior of the Earth to the upper atmosphere, and from the origins of life to the future of our planet, our research spans the natural sciences.

The School encompasses the broad disciplines of biological sciences, environmental science, geography, geology, marine science and climate science. Special expertise includes evolutionary ecology, genetics and behaviour, geospatial information systems, natural resources and environments, palaeosciences, terrestrial and marine conservation and ecology, marine microbiology, climate system science and environmental management.

Contacts

Coursework

Marine Science & Management

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Research

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Coursework Degrees

Master of Marine Science and Management

Program Code:	8271
Commencement:	Semester 1
Units of credit:	72 (54 at UNSW, 18 at another of the SIMS partner universities)
Length of study:	1.5 year full-time or equivalent part-time
Entry requirement:	A recognised 3-year Bachelor degree in science or engineering, with honours or with experience in a relevant area.

A joint program between UNSW and three Sydney Institute of Marine Science (SIMS) partner universities (comprising Macquarie University, Sydney University and the University of Technology Sydney), combining each institute's strengths in marine science research and education. Students enrol in the program at UNSW (School of Biological, Earth and Environmental Science), and complete two courses at one of the partner universities. The program includes a diverse range of disciplines including coastal management and engineering, climate change, marine ecology and conservation, physical oceanography and modelling and geoscience.

Research Degrees

Master of Philosophy

Program Code:	2475
Length of study:	1.5 to 2 years of advanced study leading to the submission of a thesis. Minimum duration for completion is 1.5 years.

Students complete a component of coursework including research methodology and a thesis comprising an original piece of research work, of a limited scope but at least 66% of the degree.

Master of Science (by Research)

Program Code:	2485 (Biological Science) 2040 (Geography) 2000 (Applied Geology) 2476 (Climate Science)
Length of study:	1.5 to 2 years of advanced study leading to the submission of a thesis. Minimum duration for completion is 1.5 years.

This program requires the completion of an original piece of research, more limited in scope and nature than PhD. Candidates develop mastery of appropriate methodology and learn the fundamentals of research. Findings are presented in a thesis that places the work in the wider context of their discipline.

Doctor of Philosophy

Program Code:	1435 (Biological Science) 1080 (Geography) 1000 (Applied Geology) 1425 (Environmental Management) 1476 (Climate Science)
Length of study:	3 to 4 years of advanced study leading to the submission of a thesis. Minimum duration for completion is 3 years.

A PhD requires the completion of a piece of research that demonstrates a significant and original contribution to knowledge in the field of study. Candidates acquire advanced specialist research training under academic supervision. The candidates thesis summarises the research and provides evidence for independent thought and analysis, effective communication and expert knowledge of the discipline in the international context.

Disclaimer: The information in this publication is current as at October 2016. The University reserves the right to change any program, admission requirement or other information herein without prior notice. The information contained in this publication applies to Australian citizens, Australian permanent residents and New Zealand citizens only.

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