What is Earth science?

Earth science is the science of the nature and evolution of our planet, covering everything from the structure of natural crystals and formation of fossils to the powerful forces that drive earthquakes and volcanoes and move continents across the globe. This field provides a passport to a wide range of exciting and highly paid careers with opportunities to combine outdoor adventure and the use of sophisticated technology all around the world.

UNSW is home to the Palaeontology, Geobiology and Earth Archives Research Centre (PANGEA) – is a multidisciplinary research group comprising one of the largest university research facilities of its kind in Australia. The Centre houses research expertise in many key areas of the palaeosciences and related Earth and Environmental sciences.

How can I study Earth science at UNSW?

Earth Sciences can be taken as part of the below Science or Engineering degrees:

- 3970 Bachelor of Science
- 3962 Bachelor of Advanced Science (Honours)
- 3965 Bachelor of Environmental Management
- 3767 Bachelor of Engineering (Honours)/Bachelor of Science

Career opportunities

A career as a professional geoscientist can provide numerous opportunities to travel, often to unspoiled natural locations. Alternatively you may choose to work in a laboratory or strategic planning environments. Job opportunities exist within government and private sectors in areas such as mineral exploration, contaminated site remediation or groundwater studies.

Example careers include:

- Geophysicists
- Palaeontologists
- Mineralogists
- Volcanologists
- Marine Geologists
- Mineral Economists
- Seismologists
- Hydrogeologists

For more information, go to:
unsw.to/sciencedegrees

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