Geology

Level: Stage 2

Course length: Full year

Credit value: 20 Credit points

Advice to students
No background knowledge of Geology is required, however some previous learning of basic concepts of science at the junior secondary level is desirable.

Course overview
SACE Stage 2 Geology offers opportunities to learn about the Earth’s structure, history, resources and natural processes and to better understand the impact of human activities on the Earth, including climate change and other contemporary issues through scientific enquiry.

Topics include:
• The Rock Cycle
• Global Patterns and Processes
• The History of the Earth
• Geological Hazards
• The Impact of Human Activities on the Earth.

Assessment
A minimum of 20 hours of fieldwork and 20 hours of practical work are required. These are centrally moderated and weighted at 40% of final assessment.

Course Work, including investigations, assignments and tests are weighted at 30%

A final two-hour external examination is weighted at 30%.

Pathways
Geology provides useful background and pathways to a range of University course, nationally accredited training packages and associated careers such as:
• ecotourism
• environmental science
• groundwater hydrology
• mining, petroleum and civil engineering
• mining and energy exploration.

Further information
Most field trips are conducted on Sundays. These, and visits to Flinders University for practical activities, involve an additional cost of $10 for bus transport on each occasion.