The Geosciences Summer School is being offered to students currently in Years 9, 10, 11 or 12. Participants' awareness of planet Earth and career paths will be increased through working with professional geoscientists from the Department of State Development, University of Adelaide and the resources industry. The course will culminate with a visit to an operational gold mine.

Twenty places are available. The Geosciences Summer School is being funded by Department of State Development, Mineral and Energy Resources group under the South Australian Government’s PACE Frontiers initiative.

Students who are not able to take geoscience courses at school will find this a useful insight into TAFE or University courses and the resources industry. Some schools may wish to identify this as work experience.

Program
Through lectures, practicals and fieldwork participants will learn about:
- Planet Earth's formation and evolution
- Mineral and energy resources exploration methods
- Age dating rocks
- Paleontology
- Field mapping rock formations
- Geothermal energy
- Mining engineering
- Analysis of diamond drill core
- Environmental management in mining
- Earthquake seismology
- Gemmology, crystallography and mineral identification
- Operating gold mine, site visit, including process workings

Applications must be received by 30 October 2015
All applications will be acknowledged.

Post or email applications to:
John Migonne
Drill Core Library
Community Education Service
GPO Box 320, Adelaide 5001
Email: John.Migonne@sa.gov.au

Who should apply?
Students currently in Years 9, 10, 11 or 12 with:
- Genuine interest in geoscience
- Sound academic achievement in science and mathematics
- Commitment to attend the 8-day course

How to apply
The application form is available on the Department of State Development Minerals website and copies have also been sent to school science coordinators.

Selection process
Applications will be reviewed by Department of State Development and the 20 successful applicants will be selected by end of 13 November 2015.
All applicants will be notified by email.