

Pathway to major in Geophysics & Applied Geology

Year 1 / Level I (not more than 30 units)				
S1	GEOLOGY 1103 Earth Systems I	MATHS 1013 Maths 1M	# PHYSICS 1100 Physics IA or Approved Level I Elective	SCIENCE 1400 Science or Fiction I
S2	^ GEOLOGY 1100 Earth's Interior I	Approved Level I Elective	# PHYSICS 1200 Physics IB or Approved Level I Elective	** Approved Level I Elective
Year 2 / Level II				
S1	GEOLOGY 2500 Sedimentary Geology II	GEOLOGY 2501 Structural Geology II	Approved Level II Elective	Approved Level II Elective
S2	GEOLOGY 2502 Igneous & Metamorphic Geology II	GEOLOGY 2505 Geochemistry II	Approved Level II Elective	Approved Level II Elective
*Global Experience: The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3.				
Year 3 / Level III (at least 24 units)				
S1	GEOLOGY 3500 Exploration Methods III	^ GEOLOGY 3008 Geophysics III	Approved Level III Elective	Approved Level III Elective
*Global Experience: The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3.				
S2	SOIL&WAT 3010 Remote Sensing III or SOIL&WAT 3007WT GIS for Environmental Management III [Summer School]	GEOLOGY 3502 Mineral and Energy Resources III	Approved Level III Elective	Approved Level III Elective

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

Core Course	Elective Course	Course for Major

^ GEOLOGY 3008 Geophysics III, has the following course listed as a pre-requisite; MATHS 1013 or equivalent and the following courses are listed as assumed knowledge; PHYSICS 1100 & PHYSICS 1200 or PHYSICS 1101 or & PHYSICS 1201 or GEOLOGY 1000

Check Course Planner or with the Faculty of Sciences Office to ensure you meet the pre-requisites prior to enrolling into this course.

** Students who successfully complete CHEM 1101 and CHEM 1201 and who wish to continue their study of Chemistry at Level II will be required to undertake an additional course, CHEM 1312 Foundations of Chemistry IS during Summer School before commencing Level II Chemistry studies.

Complimentary Majors

The following majors are often pursued by students as well as the above major, as a complimentary field:

- Chemistry
- Ecology
- Geology
- Theoretical Physics
- Physics
- Soil Science

Enrolment Advice

- It is your responsibility to ensure you are correctly enrolled. Enrolment into courses outside of the Study Plan and Enrolment Advice listed could affect your eligibility to graduate.
- A total of **72 units** are required to complete Bachelor of Science program.
- 24 units will usually be completed for each of Levels I, II and III.
- At least 24 units must be completed at Level III.
- A candidate may substitute an appropriate course chosen from Level II to fulfil the requirements of Level I, or from Level III to fulfil the requirements of Level I or II.
- There is a limitation on the amount of 'Non-Science' courses that can be presented. **Do not assume that because a course is offered through Sciences, that it automatically counts as 'Science'** (e.g. Animal Science courses). Please refer to your [Program Rules](#). If in doubt consult the Faculty Office for advice.
- No level III course may be used to meet the requirements of more than one major. (For example, if *Soil Ecology and Nutrient Cycling* is used to qualify for a *Soil Science* major, it cannot also be used to qualify for an *Ecology Major*).
- For approved elective courses, please refer to your [Program Rules](#) (<http://www.adelaide.edu.au/calendar/>).
- Please contact the Faculty of Sciences Office for advice.

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Electives and Broadening

You must complete 9 units of Broadening courses at Level I or Level II. Of these courses:

- A maximum of 6 units of courses can be chosen at Year 1 from other Faculties of the University

You must also complete Elective courses to fulfil the requirements of your Program:

- No courses at Year 3 can be chosen from other Faculties of the University
- Please refer to your Program Rules for electives and all other requirements <http://calendar.adelaide.edu.au/>
- For Faculty of Sciences electives, see our website: <http://sciences.adelaide.edu.au/degrees/courses/>
- For information about electives from other faculties, restrictions and pre-requisites, search the course planner: <https://access.adelaide.edu.au/courses/search.asp>

Global Experience

The University of Adelaide is committed to offering its students the opportunity to study overseas through a Global Learning Experience. This experience is available in a wide range of degrees and can include student exchange (for either one or two full semesters), study tours, internships and placements. There are many exciting opportunities in Europe, Asia, the Americas, Africa, and Oceania ranging from a few weeks to a full academic year.

* The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3. To find Global Learning opportunities available in your study area click [Global Experiences](#).

Further Information and Enrolment Advice

Faculty of Sciences

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au