

## Pathway to major in Geology & Geophysics double major

Year 1 / Level I (not more than 30 units)				
S1	<a href="#">GEOLOGY 1103</a> Building a Habitable Planet	<a href="#">MATHS 1013</a> Mathematics IM	# ^ <a href="#">PHYSICS 1100</a> Physics IA or # ^ <a href="#">PHYSICS 1101</a> Physics for the Life and Earth Sciences IA	<a href="#">SCIENCE 1300</a> <i>Principles &amp; Practice of Research (Advanced) I</i>
S2	<a href="#">GEOLOGY 1100</a> Earth's Interior I	** <a href="#">Approved Level I Elective</a>	# ^ <a href="#">PHYSICS 1200</a> Physics IB or # ^ <a href="#">PHYSICS 1201</a> Physics for the Life and Earth Sciences IB	<a href="#">Approved Level I Elective</a>
Year 2 / Level II				
S1	<a href="#">GEOLOGY 2500</a> Sedimentary Geology II	<a href="#">GEOLOGY 2501</a> Structural Geology II	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>
S2	<a href="#">GEOLOGY 2502</a> Igneous and Metamorphic Geology II	<a href="#">GEOLOGY 2505</a> Geochemistry II	<a href="#">Approved Level II Elective</a>	<a href="#">SCIENCE 2300</a> <i>Principles &amp; Practice of Research (Adv) II [or Semester 1]</i>
*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	<a href="#">GEOLOGY 3022</a> Geophysics IIIA: Potential Fields and Geothermics	† Level III course for major or <a href="#">Approved Level III Elective</a>	<a href="#">GEOLOGY 3013</a> Tectonics III	<a href="#">GEOLOGY 3016</a> Igneous and Metamorphic Geology III
*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	<a href="#">GEOLOGY 3023</a> Geophysics IIIB: Electromagnetics and Seismology	† Level III course for major or <a href="#">Approved Level III Elective</a>	<a href="#">GEOLOGY 3019</a> Field Geoscience Program III	<a href="#">SCIENCE 3100</a> <i>Principles &amp; Practice of Research (Adv) III</i>

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

### Key

Core Course	Elective Course	Course for Major
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^ PHYSICS 1100 & PHYSICS 1200 or PHYSICS 1101 & PHYSICS 1201 and GEOLOGY 1000 are listed as assumed knowledge for GEOLOGY 3022 Geophysics IIIA and GEOLOGY 3023 Geophysics IIIB

# 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.

† You must complete **at least one** of the following courses in addition to GEOLOGY 3022, GEOLOGY 3023, GEOLOGY 3013, GEOLOGY 3016, GEOLOGY 3019, and SCIENCE 3100:

- [GEOLOGY 3500](#) Exploration Methods III
- [GEOLOGY 3502](#) Mineral and Energy Resources III
- [GEOLOGY 3505](#) Earth Systems History III

### 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 (Advanced) program.
- No more than 30 units of courses can be completed at Level I.
- At least 24 units of Science courses 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.
- Please consult your [Program Coordinator](#) or contact the Faculty of Sciences Office for advice.

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### Enrolment Advice – Courses

- Only ONE of BIOLOGY 1201 Biology I: Human Perspectives or BIOLOGY 1202 Biology I: Organisms may be presented towards the Bachelor of Science.
- The following courses cannot be presented towards the Bachelor of Science:
  - ANAT SC 1102 Human Biology IA
  - ANAT SC 1103 Human Biology IB
  - COMP SCI 1003 Internet Computing

### Electives and Broadening

You may complete up to 9 units of 'Non-Science' elective courses at Level I or Level II. Of these courses, a maximum of 6 units can be chosen at Level I from other Faculties of the University. Note that no courses at Level III can be chosen from other Faculties of the University

You must complete Elective courses to fulfil the requirements of your Program: Please refer to your Program Rules for electives and all other requirements <https://calendar.adelaide.edu.au/faculty/sciences>

For information about electives from other faculties, course 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

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