

Pathway to major in Soil Science

Year 1 / Level I (not more than 30 units)				
S1	† Δ GEOLOGY 1103 Building a Habitable Planet	‡~ BIOLOGY 1101 Biology I: Molecules, Genes & Cells	CHEM 1100 Chemistry IA or ** CHEM 1101 Foundations of Chemistry IA	SCIENCE 1300 <i>Principles & Practice of Research (Advanced) I</i>
S2	† GEOLOGY 1100 Planet Earth	‡~ BIOLOGY 1202 Biology I: Organisms	Ω CHEM 1200 Chemistry IB or ** Ω CHEM 1201 Foundations of Chemistry IB	Approved Level I Elective
Year 2 / Level II				
S1	Δ SOIL&WAT 2500/2500WT Soil and Water Resources II	‡ PLANT SC 2510WT Foundations in Plant Science II	† GEOLOGY 2500 Sedimentary Geology II or Approved Level II Elective	Approved Level I or Level II Elective
S2	Approved Level II Elective	Approved Level II Elective	Approved Level I or Level II Elective	SCIENCE 2300 <i>Principles & Practice of Research (Adv) II [or Semester 1]</i>
*Global Experience: We recommend 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	SOIL&WAT 3017WT Soil & Water: Management & Conservation III	SOIL&WAT 3016WT Soil Ecology & Nutrient Cycling III	Approved Level III Elective	Approved Level III Elective
*Global Experience: We recommend 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	§ † GEOLOGY 3505 Earth Systems History III or Approved Level III Elective	§ ‡ PLANT SC 3505WT Soil and Plant Nutrition III or Approved Level III Elective	Approved Level III Elective	SCIENCE 3100 <i>Principles & Practice of Research (Adv) III</i>
Year 4/ Level IV (24 units)				
Courses to the value of 24 units, chosen from the Bachelor of Science (Honours) . A Research Pathway or Professional Pathway must be chosen in a specialisation area.				

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

Core Course	Elective Course	Course for Major
-------------	-----------------	------------------

Check [Course Planner](#) or with the Sciences Service Hub to ensure you meet the pre-requisites prior to enrolling into courses.

** Students who successfully complete CHEM 1101 Foundations of Chemistry IA and CHEM 1201 Foundations of Chemistry IB 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.

~ Students who were unsuccessful in completing BIOLOGY 1101 Biology I: Molecules, Genes & Cells have the opportunity to undertake BIOLOGY 1001 Fundamentals of Biology in Summer School before commencing Level II courses

Δ GEOLOGY 1103 Building a Habitable Planet is listed as assumed knowledge for SOIL&WAT 2500 Soil and Water Resources II

† GEOLOGY 2500 Sedimentary Geology II is listed as a pre-requisite for GEOLOGY 3505 Earth System History II. GEOLOGY 2500 Sedimentary Geology II has assumed knowledge of GEOLOGY 1100 Planet Earth or GEOLOGY 1103 Building a Habitable Planet.

‡ PLANT SC 2510WT Foundations in Plant Science, is listed as assumed knowledge for PLANT SC 3505WT Soil and Plant Nutrition III. PLANT SC 2510WT Foundations in Plant Science II requires BIOLOGY 1101 Biology I: Molecules, Genes and Cells or BIOLOGY 1202 Biology I: Organisms as a prerequisite.

§ You must complete **at least one** of these courses in addition to SOIL&WAT 3017WT, SOIL&WAT 3016WT & SCIENCE 3100 to complete the major.

Pathway to major in Soil Science

Complementary Majors

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

- Chemistry
- Evolutionary Biology
- Ecology and Environmental Science
- Geology

Enrolment Advice – General

- A total of **96 units** are required to complete Bachelor of Science (Advanced) (Honours) Direct Entry 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.
- 24 units of courses at level IV must be completed which will include a Research or Professional pathway taken from a specialisation area in the Bachelor of Science (Honours).
- 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](#).
- 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).*
- Please consult your [Program Coordinator](#) or contact the Sciences Service Hub for advice.
- Under the University's [Student Charter](#), it is the student's responsibility to enrol correctly in accordance with the University's program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear or contains an error, it is recommended you seek confirmation and advice from the Sciences Service Hub at the earliest opportunity.

Enrolment Errors

Please [submit the relevant form](#) to request a unit-overload waiver, prerequisite waiver, timetable clash resolution or a course/class full request.

Electives and Broadening

You may complete up to 9 units of 'non-science' elective courses at Level I and/or Level II. Of these courses a maximum of 6 units can be chosen at Level I. Please refer to your Program Rules for electives and all other requirements, including details on how to meet broadening experience <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

* We recommend 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 opportunities available in your study area click [Study Overseas](#).

Further Information and Enrolment Advice

Sciences Service Hub

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au