

Pathway to major in Ecology & Spatial Science

Year 1 / Level I (not more than 30 units)				
S1	BIOLOGY 1101 Biology I: Molecules, Genes & Cells or BIOLOGY 1401 Concepts in Biology	** Approved Level I Elective	† GEOLOGY 1103 Earth Systems I or Approved Level I Elective	SCIENCE 1400 Science or Fiction I
S2	BIOLOGY 1201 Biology I: Human Perspectives or BIOLOGY 1202 Biology I: Organisms	** Approved Level I Elective	Approved Level I Elective	Approved Level I Elective
Year 2 / Level II				
S1	ENV BIOL 2503 Zoology II	† SOIL&WAT 2500/2500WT Soil and Water Resources II	Approved Level II Elective	Approved Level II Elective
S2	ENV BIOL 2502 Ecology II	Approved Level II Elective	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	ENV BIOL 3510 Research Methods in Ecology III	ENV BIOL 3121 Concepts in Ecology III	‡ ENV BIOL 3004 Freshwater Ecology III or Approved Level III Elective	‡ SOIL&WAT 3016WT Soil Ecology & Nutrient Cycling III or 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 3007WT GIS for Environmental Management III [Summer School]	SOIL&WAT 3010 Remote Sensing III	‡ ENV BIOL 3009 Ecophysiology of Plants III or 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

** 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.

† GEOLOGY 1103 Earth Systems I, is listed as assumed knowledge for SOIL&WAT 2500, and SOIL&WAT 2500WT Soil and Water Resources II.

‡ You must complete at least **two** of these courses in addition to ENV BIOL 3121, ENV BIOL 3510, SOIL&WAT 3010 & SOIL&WAT 3007WT to complete the Major.

Complimentary Majors

This is an extended major and it is normally not possible to fit in sufficient units at Level III to also qualify for a second major.

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). **The exception is ENV BIOL 3006 Research Methods in Environmental Biology III, ENV BIOL 3510 Research Methods in Ecology III, ENV BIOL 3530 Research Methods in Evolutionary Biology III**, where these courses are incompatible but required for the majors: Botany, Ecology, Ecology and Spatial Science, Evolutionary Biology and Zoology. An alternative Level III ENV BIOL course can be substituted.
- 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>

Variations for students who commenced in 2012 to 2015

- Level III: ENV BIOL 3006 Research Methods in Environmental Biology III, has been replaced by ENV BIOL 3510 Research Methods in Ecology III.

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.

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Further Information and Enrolment Advice

Faculty of Sciences

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