

Pathway to major in Botany

Botany Major is only available to students who commenced in or prior to 2015

Year 1 / Level I (not more than 30 units)				
S1	BIOLOGY 1101 Biology I: Molecules, Genes & Cells OR BIOLOGY 1401 Concepts in Biology	# GEOLOGY 1103 Earth Systems	** Approved Level I Elective	SCIENCE 1300 Principles & Practice of Research (Advanced) 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	Ω Δ ENV BIOL 2500 Botany II	Δ ENV BIOL 2503 Zoology II	# SOIL&WAT 2500 or # SOIL&WAT 2500WT Soil and Water Resources II	Approved Level II Elective
S2	ENV BIOL 2501 Evolutionary Biology II	ENV BIOL 2502 Ecology II	Approved Level II Elective	SCIENCE 2300 Principles & Practice of Research (Adv) II [or Semester 1]
*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	Δ ENV BIOL 3535 Research Methods in Evolutionary Biology III	Approved Level III Elective	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	† μ Δ ENV BIOL 3560 Evolution of Australian Biota III or Approved Level III Elective	† μ ENV BIOL 3590 Evolutionary Biology III or Approved Level III Elective	† Ω ENV BIOL 3009 Ecophysiology of Plants III or †# PLANT SC 3505WT Soil and Plant Nutrition III or Approved Level III Elective	SCIENCE 3100 Principles & Practice of Research (Adv) III

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.

† You must complete **6 units** of these courses in addition to ENV BIOL 3535 to complete the Major.

SOIL&WAT 2500 or SOIL&WAT 2500WT Soil and Water Resources II, is listed as assumed knowledge for PLANT SC 3505WT Soil and Plant Nutrition. GEOLOGY 1103 Earth Systems is assumed knowledge for Soil and Water Resources II.

μ ENV BIOL 3560 Evolution of Australia Biota III is a co-requisite for ENV BIOL 3590 Evolutionary Biology III

Ω ENV BIOL 2500 Botany II I listed as assumed knowledge for ENV BIOL 3009 Ecophysiology of Plants III.

Δ ENV BIOL 2500 Botany II and ENV BIOL 2503 Zoology II, are listed as assumed knowledge for ENV BIOL 3535 Research Methods in Evolutionary Biology III. All of ENV BIOL 2500 Botany II, ENV BIOL 2503 Zoology II and ENV BIOL 3535 Research Methods in Evolutionary Biology III are listed as assumed knowledge for ENV BIOL 3560 Evolution of Australian Biota III.

Enrolment Advice – General

- 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.
- 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.

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- No level III course may be used to meet the requirements of more than one 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.

Complimentary Majors

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

- Genetics
- Microbiology & Immunology
- Soil Science
- Ecology
- Geology

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>

Variations for students who commenced in 2013-2015

- Level III: ENV BIOL 3006 Research Methods in Environmental Biology III, has been replaced by ENV BIOL 3535 Research Methods in Evolutionary Biology III.
- Level I core course SCIENCE 1100 Principles & Practice of Science and SCIENCE 1200 Principles & Practice of Science (Advanced) I, has now been replaced by SCIENCE 1300 Principles & Practice of Research (Advanced) I.

Variations for students who commenced in 2012

- Level III: ENV BIOL 3002 Australian Biota: Past, Present and Future III, has been replaced by ENV BIOL 3560 Evolution of Australian Biota III.

Variations for students who commenced in 2010 & 2011

- Level III: ENV BIOL 3002 Australian Biota: Past, Present and Future III, and ENV BIOL 3009 Ecophysiology of Plants III, and an additional Environmental Biology course to the value of 3 units.
- Level III: ENV BIOL 3002 Australian Biota: Past, Present and Future III, has been replaced by ENV BIOL 3560 Evolution of Australian Biota III.
- Level I: Not required to complete SCIENCE 1300 Principles & Practice of Science (Advanced) I, an approved Level I elective can be undertaken in lieu.
- Please contact the Faculty of Sciences Office for advice.

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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