

## 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	<a href="#">BIOLOGY 1101</a> Biology I: Molecules, Genes & Cells or <a href="#">BIOLOGY 1401</a> Concepts in Biology	# <a href="#">GEOLOGY 1103</a> Earth Systems or <a href="#">Approved Level I Elective</a>	** <a href="#">Approved Level I Elective</a>	<a href="#">SCIENCE 1400</a> Science or Fiction I or <a href="#">SCIENCE 1100</a> Principles & Practice of Science
S2	<a href="#">BIOLOGY 1201</a> Biology I: Human Perspectives or <a href="#">BIOLOGY 1202</a> Biology I: Organisms	<a href="#">Approved Level I Elective</a>	** <a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>
Year 2 / Level II				
S1	<a href="#">ENV BIOL 2500</a> Botany II	# <a href="#">SOIL&amp;WAT 2500</a> or # <a href="#">SOIL&amp;WAT 2500WT</a> Soil and Water Resources II	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>
S2	¥ <a href="#">ENV BIOL 2501</a> Evolutionary Biology II	<a href="#">ENV BIOL 2502</a> Ecology II	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>
*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="#">ENV BIOL 3530</a> Research Methods in Evolutionary Biology III	<a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>
*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="#">ENV BIOL 3550</a> Evolution of Australian Biota III (6 units) or <a href="#">Approved Level III Elective(s) 1 x 6 unit OR 2 x 3 units</a>	‡ <a href="#">ENV BIOL 3009</a> Ecophysiology of Plants III or <a href="#">Approved Level III Elective</a>	†# <a href="#">PLANT SC 3505WT</a> Soil and Plant Nutrition III or <a href="#">Approved Level III Elective</a>	

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

#### Key

Core Course	Elective Course	Course for Major

\*\* Students who successfully complete CHEM 1101 Foundations of Chemistry 1A and CHEM 1201 Foundations of Chemistry 1B 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 3530 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.

¥ ENV BIOL 2501 Evolutionary Biology II and ENV BIOL 3530 Research Methods in Evolutionary Biology III are prerequisites for ENV BIOL 3550 Evolution of Australian Biota 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 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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#### 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

#### 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 3530 Research Methods in Evolutionary Biology III.
- Level I core course SCIENCE 1100 Principles & Practice of Science, has now been replaced by SCIENCE 1400 Science or Fiction?

#### Variations for students who commenced in 2012

- ENV BIOL 3002 Australian Biota: Past, Present and Future III, has been replaced by ENV BIOL 3230 Evolution of Australian Vegetation

#### 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.
- ENV BIOL 3002 Australian Biota: Past, Present and Future III, has been replaced by ENV BIOL 3230 Evolution of Australian Vegetation
- Level I: Not required to complete SCIENCE 1100 Principles & Practice of Science I, an approved Level I elective can be undertaken in lieu.
- 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.
- ENV BIOL 3002 Australian Biota: Past, Present and Future III, has been replaced by ENV BIOL 3230 Evolution of Australian Vegetation

#### 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](#).

#### Electives and Broadening

- 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>

#### Further Information and Enrolment Advice

##### Faculty of Sciences

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