

## Pathway to major in Plant Biology

Year 1 / Level I (not more than 30 units)				
<b>S2</b>	<a href="#">Approved Level I Elective</a>	¥ΩBIOLOGY 1202 Biology I: Organisms <b>OR</b> <a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>
<b>S1</b>	# ^CHEM 1100 Chemistry IA <b>OR</b> #*^CHEM 1101 Foundations of Chemistry IA	~¥ΩBIOLOGY 1101 Biology I: Molecules, Genes & Cells <b>OR</b> ~¥ΩBIOLOGY 1401 Concepts in Biology <b>OR</b> <a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>	SCIENCE 1300 Principles & Practice of Research (Advanced) I
Year 2 / Level II				
<b>S2</b>	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level I or Level II Elective</a>	SCIENCE 2300 Principles & Practice of Research (Adv) II [or Semester 1]
<b>S1</b>	^πPLANT SC 2510WT Foundations in Plant Science II <b>OR</b> ^ ENV BIOL 2500 Botany II	PLANT SC 2530WT Research Skills in Plant Biology II (Not Available in 2021 – contact <a href="#">Tina Bianco-Miotto</a> )	<a href="#">Approved Level I or 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)				
<b>S2</b>	*PLANT SC 3530WT Food Production in a Future Climate III or <a href="#">Approved Level III Elective</a>	*PLANT SC 3515WT Plant Biotechnology III or <a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>	SCIENCE 3100 Principles & Practice of Research (Adv) 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.				
<b>S1</b>	PLANT SC 3540WT Professional Practice in Plant Biology III [or Semester 2] (Available 2022)	*PLANT SC 3200WT Plant Breeding III or <a href="#">Approved Level III Elective</a>	*PLANT SC 3510WT Plant Health III or <a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>
Year 4 / Level IV (24 units)				
Courses to the value of 24 units, chosen from the <a href="#">Bachelor of Science (Honours)</a> . 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
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# Check [Course Planner](#) or with the Sciences Service Hub to ensure you meet the pre-requisites prior to enrolling into these 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 or BIOLOGY 1401 Concepts in Biology have the opportunity to undertake BIOLOGY 1001

Fundamentals of Biology in Summer School before commencing Level II courses

^CHEM 1100 or CHEM 1101, PLANT SC 2510 or ENV BIOL 2500 are listed as a pre-requisite to PLANT SC 3530WT

¥BIOLOGY 1101 or BIOLOGY 1401 or BIOLOGY 1202 are listed as a pre-requisite to PLANT SC 2510WT

Ω BIOLOGY 1101 or BIOLOGY 1401, BIOLOGY 1202 & ANIML SC 2501WT or GENETICS 2510 are listed as assumed knowledge for PLANT SC 3515WT

πPLANT SC 2510WT & ANIML SC 2501WT are listed as assumed knowledge to PLANT SC 3200WT

\*You must complete **at least two** of these courses in addition to PLANT SC 3540WT and SCIENCE 3100

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### Complementary Majors

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

- Evolutionary Biology
- Ecology
- Soil Science

### 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 **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.

### 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:
  - COMP SCI 1003 Internet Computing

### 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

The University of Adelaide is committed to offering its students the opportunity to study overseas through an International 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 opportunities available in your study area click [Study Overseas](#).

### Further Information and Enrolment Advice

#### Sciences Service Hub

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Email: [faculty.sciences@adelaide.edu.au](mailto:faculty.sciences@adelaide.edu.au)