

Pathway to major in Palaeontology

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 Building a Habitable Planet	** Approved Level I Elective	SCIENCE 1300 Principles & Practice of Research (Advanced) I
S2	† BIOLOGY 1202 Biology I: Organisms	^ GEOLOGY 1100 Planet Earth	** Approved Level I Elective	Approved Level I Elective
Year 2 / Level II				
S1	Ω ENV BIOL 2503 Zoology II OR Ω ENV BIOL 2500 Botany II	^ GEOLOGY 2500 Sedimentary Geology II	Approved Level II Elective	Approved Level II Elective
S2	† ENV BIOL 2501 Evolutionary Biology II	Approved Level II Elective	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	PALAEO 3005 Geochronology, Fossils and Palaeoenvironments III	PALAEO 3000 Field Palaeontology III [Winter School]	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	ENV BIOL 3560 Evolution of Australian Biota III	^ GEOLOGY 3505 Earth Systems History III OR Ω ENV BIOL 3535 Research Methods in Evolutionary Biology III [Semester 1]	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
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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 or BIOLOGY 1401 Concepts in Biology have the opportunity to undertake BIOLOGY 1001 Fundamentals of Biology in Term 4 and Summer School before commencing Level II courses

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.
- You 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.

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† BIOLOGY 1101 Biology I: Molecules, Genes & Cells or BIOLOGY 1401 Concepts on Biology & BIOLOGY 1201 BIOLOGY I: Human Perspectives or BIOLOGY 1202 Biology I: Organisms are listed as assumed knowledge for ENV BIOL 2501 Evolutionary Biology II.

^ GEOLOGY 2500 Sedimentary Geology II is a pre-requisite for GEOLOGY 3505 Earth Systems History III. GEOLOGY 1103 Building a Habitable Planet or GEOLOGY 1100 Planet Earth are listed as assumed knowledge for GEOLOGY 2500 Sedimentary Geology II.

Ω 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.

Complementary Majors

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

- Biochemistry
- Chemistry
- Genetics
- Geophysics
- Microbiology & Immunology

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 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>

Variations for students who commenced in or prior to 2012

- 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 and Practice of Research (Advanced) I.

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.

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Further Information and Enrolment Advice

Sciences Service Hub

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