

## Pathway to double major in Palaeontology (Evolution)

| Year 1 / Level I (not more than 30 units)   |  |  |  |   |
|---|--|--|--|---|
| S1  | †~ <a href="#">BIOLOGY 1101</a> Biology I: Molecules, Genes & Cells <b>OR</b><br>†~ <a href="#">BIOLOGY 1401</a> Concepts in Biology | ¥ <a href="#">GEOLOGY 1103</a> Building a Habitable Planet                 | ** <a href="#">Approved Level I Elective</a>                           | <a href="#">SCIENCE 1400</a> Science or Fiction I   |
| S2  | † <a href="#">BIOLOGY 1202</a> Biology I: Organisms  | ^ ¥ <a href="#">GEOLOGY 1100</a> Planet Earth                              | ** <a href="#">Approved Level I Elective</a>                           | <a href="#">Approved Level I Elective</a>   |
| Year 2 / Level II   |  |  |  |   |
| S1  | Ω α <a href="#">ENV BIOL 2503</a> Zoology II <b>OR</b><br>Ω <a href="#">ENV BIOL 2500</a> Botany II                                  | ¥ <a href="#">GEOLOGY 2500</a> Sedimentary Geology 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="#">GEOLOGY 2502</a> Igneous and Metamorphic Geology II          | <a href="#">GEOLOGY 2505</a> Geochemistry II                           | <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="#">PALAEO 3005</a> Geochronology, Fossils and Palaeoenvironments III  | <a href="#">ENV BIOL 3535</a> Research Methods in Evolutionary Biology III | α <a href="#">ENV BIOL 3011</a> Evolution and Diversity of Insects III | ^ <a href="#">GEOLOGY 3016</a> Igneous and Metamorphic Geology III <b>OR</b><br><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  | μ Ω <a href="#">ENV BIOL 3560</a> Evolution of Australian Biota III  | <a href="#">GEOLOGY 3505</a> Earth Systems History III                     | μ Ω <a href="#">ENV BIOL 3590</a> Evolutionary Biology III             | <a href="#">PALAEO 3000</a> Field Palaeontology III [Winter School]   |
| 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 |
|-------------|-----------------|------------------|
|             |                 |                  |

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

† 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 1100 Planet Earth is a pre-requisite for GEOLOGY 2502 Igneous and Metamorphic Geology II, which is a pre-requisite for GEOLOGY 3016 Igneous and Metamorphic Geology III.

¥ GEOLOGY 1103 Building a Habitable Planet and GEOLOGY 1100 Planet Earth are listed as assumed knowledge for GEOLOGY 2500 Sedimentary Geology II.

α ENV BIOL 2503 Zoology II is listed as assumed knowledge for ENV BIOL 3011 Evolution & Diversity of Insects III.

Ω ENV BIOL 2500 Botany II or ENV BIOL 2503 Zoology II are listed as assumed knowledge for ENV BIOL 3560 Evolution of Australian Biota III and ENV BIOL 3590 Evolutionary Biology III.

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

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### 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 (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).
- 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.

### 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>

### 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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