

Pathway to major in Biochemistry

Year 1 / Level I (not more than 30 units)			
S1	# CHEM 1100 Chemistry IA OR or #† CHEM 1101 Foundations of Chemistry IA	BIOLOGY 1101 Biology I: Molecules, Genes & Cells OR BIOLOGY 1401 Concepts in Biology	Approved Level I Elective SCIENCE 1300 Principles & Practice of Research (Advanced) I
S2	# CHEM 1200 Chemistry IB OR #† CHEM 1201 Foundations of Chemistry IB	BIOLOGY 1201 Biology I: Human Perspectives OR BIOLOGY 1202 Biology I: Organisms	Approved Level I Elective Approved Level I Elective
Year 2 / Level II			
S1	BIOCHEM 2500 Biochemistry II: Molecular and Cell Biology	Approved Level II Elective	Approved Level II Elective Approved Level II Elective
S2	BIOCHEM 2501 Biochemistry II: Metabolism	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	BIOCHEM 3000 Molecular and Structural Biology III (6 units)	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	BIOCHEM 3520 Cancer, Stem Cells & Developmental Biology (Theory) III	Approved Level III Elective	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

Check [Course Planner](#) or with the Faculty of Sciences Office to ensure you meet the pre-requisites prior to enrolling into this course.

† Students who successfully complete CHEM 1101 Foundations of Chemistry IA and CHEM 1201 Foundations of Chemistry IB will be required to undertake an additional course, CHEM 1312 Foundations of Chemistry IS during Summer School before commencing Level II Chemistry studies.

Complimentary Majors

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

- Chemistry
- Genetics
- Microbiology & Immunology
- Physics

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 (Advanced) 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.
- 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 Faculty of Sciences Office for advice.

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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 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 & Practice of Research (Advanced) I.

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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