

Faculty of Sciences

Mid-Year Entry 2021 Study Plan

Bachelor of Science (Biomedical Science) (Major in Biochemistry)

Last updated: 28 May 2021

| Year 1 / Level I (not more than 30 units) | | | | |
|---|---|--|---|--|
| S2 | BIOLOGY 1201 <i>Biology I: Human Perspectives</i> | #^ CHEM 1200 <i>Chemistry IB</i> OR #† CHEM 1201 <i>Foundations of Chemistry IB</i> | Approved Level I Elective which may be BIOLOGY 1202 Biology I: Organisms | Approved Level I Elective |
| S1 | ~ BIOLOGY 1101 <i>Biology I: Molecules, Genes & Cells</i> | #^ CHEM 1100 <i>Chemistry IA</i> OR #† CHEM 1101 <i>Foundations of Chemistry IA</i> | Approved Level I Elective | Approved Level I Elective |
| Year 2 / Level II | | | | |
| S2 | BIOMED 2520 <i>Biomedical Science IIB</i> | ‡ BIOCHEM 2501 <i>Biochemistry II: Metabolism</i> | # GENETICS 2520 <i>Genetics IIB: Function & Diversity of Genomes</i> OR # MICRO 2501 <i>Immunology & Virology II</i> | Approved Level I & Level II Elective |
| S1 | BIOMED 2510 <i>Biomedical Science IIA</i> | ‡ BIOCHEM 2500 <i>Biochemistry II: Molecular and Cell Biology</i> | # GENETICS 2510 <i>Genetics IIA: Foundation of Genetics</i> OR # MICRO 2500 <i>Microbiology II</i> | Approved Level I & Level II 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. | | | | |
| Year 3 / Level III (at least 24 units) | | | | |
| S2 | BIOCHEM 3235 <i>Cancer, Stem Cells & Development III (Biomedical Science) (6 units)</i> | | 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. | | | | |
| S1 | BIOCHEM 3230 <i>Molecular and Structural Biology III (Biomedical Science) (6 units)</i> | | Approved Level III Elective | Approved Level III Elective |

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 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 have the opportunity to undertake BIOLOGY 1001 Fundamentals of Biology in Summer School before commencing Level II courses

^ Students who have previously attempted, but not passed, CHEM 1100 Chemistry IA or CHEM 1200 Chemistry IB in the preceding academic year and have attended and completed all practicals may alternatively complete CHEM 1310 Chemistry IA (S) or CHEM 1311 Chemistry IB (S) in Summer school.

‡ At least 12 units selected from these courses must be presented. These courses will be selected to provide pathway/s towards major/s at Level III.

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 the Bachelor of Science (Biomedical 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](#).
- Please consult your [Program Coordinator](#) or contact the Sciences Service Hub for advice.

Faculty of Sciences

Mid-Year Entry 2021 Study Plan

Bachelor of Science (Biomedical Science) (Major in Biochemistry)

Last updated: 28 May 2021

Complementary Majors

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

- Chemistry
- Genetics
- Microbiology & Immunology

Enrolment Advice – Courses

- The following courses cannot be presented towards the Bachelor of Science (Biomedical 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

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au