

2022 Study Plan

Bachelor of Science (Biomedical Science)

(Major in Genetics)

Last updated: 3 December 2021

Year 1 / Level I (not more than 30 units)			
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
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
Year 2 / Level II			
S1	BIOMED 2510 <i>Biomedical Science IIA</i>	‡ GENETICS 2510 <i>Genetics IIA: Foundation of Genetics</i>	# BIOCHEM 2500 <i>Biochemistry II: Molecular and Cell Biology</i> OR # MICRO 2500 <i>Microbiology II</i>
S2	BIOMED 2520 <i>Biomedical Science IIB</i>	‡ GENETICS 2520 <i>Genetics IIB: Function & Diversity of Genomes</i>	# BIOCHEM 2501 <i>Biochemistry II: Metabolism</i> OR # MICRO 2501 <i>Immunology & Virology II</i>
* Global Experience: We recommend 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	GENETICS 3111 <i>Genes, Genomes and Molecular Evolution III (6 units)</i>		Approved Level III Elective
* Global Experience: We recommend 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	GENETICS 3212 <i>Gene Expression and Human and Developmental Genetics (Biomedical Science) III (6 units)</i>		Approved Level III Elective

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

‡ 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.
- If you commenced your program prior to 2014, please contact the Sciences Service Hub for variations to your study plan.

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Complementary Majors

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

- Biochemistry
- Chemistry
- Microbiology & Immunology

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>

Enrolment Errors

Please [submit the relevant form](#) to request a unit-overload waiver, prerequisite waiver, timetable clash resolution or a course/class full request

Global Experience

We recommend 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](#).

Under the University's [Student Charter](#), it is the student's responsibility to enrol correctly in accordance with the University's program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear or contains an error, it is recommended you seek confirmation and advice from the Sciences Service Hub at the earliest opportunity

Further Information and Enrolment Advice

Sciences Service Hub

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au