

Faculty of Sciences 2019 Study Plan Bachelor of Applied Biology (Major in Biochemistry)

Last updated: 4 December 2018

Year 1 / Level I (not more than 30 units)					
S1	# <u>BIOLOGY 1101</u> Biology I: Molecules, Genes & Cells OR # <u>BIOLOGY 1401</u> Concepts in Biology OR <u>BIOLOGY 1001</u> Fundamentals of Biology (Summer)	# ^ <u>CHEM 1100</u> Chemistry IA OR #† <u>CHEM 1101</u> Foundations of Chemistry IA	<u>APP BIOL 1510WT</u> Foundations of Applied Biology IA	# MATHS 1011 Mathematics IA [Semester 1 or 2] or # MATHS 1013 Mathematics IM (Semester 1 or 2) or STATS 1004 Statistical Practice I (Life Sciences) [Semester 1 or 2]	
	<u>BIOLOGY 1202</u> Biology I: Organisms	# ^ <u>CHEM 1200</u> Chemistry IB OR #† <u>CHEM 1201</u> Foundations of Chemistry IB	<u>APP BIOL 1520WT</u> Foundations of Applied Biology IB	Approved Level I Elective	
Year 2 / Level II					
S1	<u>APP BIOL 2500WT</u> Research Skills for Applied Biology II	BIOCHEM 2500 Biochemistry II: Molecular and Cell Biology	Approved Level II Elective	Approved Level II Elective	
	Approved Level II Elective	BIOCHEM 2501 Biochemistry II: Metabolism	Approved Level II Elective	Approved Level II Elective	
S2	OR *Global Experience: APP BIOL 2503WT, or APP BIOL 2506WT, or APP BIOL 2509WT, or APP BIOL 2512WT Study Abroad in Applied Biology II The Faculty of Sciences recommends students completing a Bachelor of Applied Biology who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2.				
	Year 3 / Level III (at least 24 units) APP BIOL 3560WT Research Practice for Applied Biology III (6 units) BIOCHEM 3000				
S1	APP BIOL 3560WT Research Practice for Applied Biology III (6 units)		Molecular and Structural Biology III (6 units)		
S2	APP BIOL 3550WT Professional Practice for Applied Biology III (6 units)		BIOCHEM 3001 Cancer, Stem Cells & Development III (6 units)		

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 Faculty of Sciences Office to ensure you meet the pre-requisites prior to enrolling into this course.

^ 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.

[†] 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.



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Majors

Students must complete a major in one of the following areas:

- Plant Product Innovation
- Biochemistry
- Genetics
- Microbiology & Immunology

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 Applied Biology 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.
- 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.
- Please consult your <u>Program Coordinator</u> or contact the Faculty of Sciences Office for advice.

Enrolment Advice - Courses

- The following courses cannot be presented towards the Bachelor of Applied Biology:
 - o ANAT SC 1102 Human Biology IA
 - ANAT SC 1103 Human Biology IB
 - COMP SCI 1003 Internet Computing

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 Level 2 of Semester 2. To find Global Learning opportunities available in your study area click Global Experiences or consult your Program Coordinator

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

Further Information and Enrolment Advice

Faculty of Sciences Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au