Bachelor of Biomedical Sciences (BBSC) - BBiomedSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 906901; External: 906905

CRICOS code (International applicants): 098990B

	On-campus~^	External@^+
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	3 years full-time, 8 years part-time maximum	
Program articulation:	From: Associate Degree of Biomedical Sciences	

Footnotes

~   Not all courses are available on-campus.

^   Semester 2 entry is only available part-time, therefore is not suitable for international students who wish to study full-time on-campus.

@   The external offering is available to international students residing in Australia but there are mandatory and highly recommended residential schools at a USQ campus and block clinical placement in Australia.

+   The external offering is not suitable for international students studying from overseas.

Contact us

Future Australian and New Zealand students	Future International students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usq.support@usq.edu.au

Program aims

The Bachelor of Biomedical Sciences aims to provide education and training for a career in biotechnology, medical research, pharmaceutical and diagnostic companies, and public health laboratories. Graduates will have a broad education allowing them to diversify after graduation, including seeking entry via the Graduate Medical School Admissions Test (GAMSAT) into medicine and other professional programs in the allied health sciences. Students will be eligible to apply for membership to professional organisations including The Australian Society for Microbiology, Australian Society for Biochemistry and Molecular Biology and the Australian Society for Medical Research.

Program objectives

On completion of the Bachelor of Biomedical Sciences, students should be able to:

- apply a broad and coherent body of theoretical and practical knowledge in the biomedical sciences with in depth knowledge in one or more specialist disciplines.
- collect, organise, analyse and interpret biomedical sciences literature and laboratory data using appropriate experimental, computational, statistical and technological approaches.

CRICOS: QLD 00244B, NSW 02225M | TEQSA: PRV12081   This version produced 4 Jan 2022.

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- exhibit scientific literacy and oral, written and digital communication skills to explain biomedical sciences concepts to a range of audiences.
- apply practical laboratory and technical skills to generate accurate scientific data.
- work independently or collaboratively in teams to critically and creatively analyse issues and develop appropriate solutions to complex problems across a range of cultural, institutional, national and global contexts.
- demonstrate a working knowledge of ethical, professional and workplace health and safety requirements in research and clinical laboratories.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 07. Graduates at this level will have broad and coherent knowledge and skills for professional work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Program Information Set

View USQ's admission criteria, student profiles and a summary of all offers made under Course Admission Information Set via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **65.6**, or equivalent qualification.^

- English Language Proficiency requirements for Category 2.

Applicants are advised to also address the following:

- Assumed knowledge

Program fees

Commonwealth supported place

Major studies

The following 12 compulsory courses are included in the program:

Biomedical Sciences

Minor Studies

Biomedical Sciences studies are designed to enable students to widen their knowledge and perspectives, or to complement their choice of major. Courses must be taken over two levels and should be the same discipline or recognised multi-disciplinary area. Enrolment requirements must be satisfied for any course selection.

Electives/Approved courses

Elective courses enable students to further increase their knowledge and widen their perspectives. Electives may be any USQ course. Choice of an elective will depend on the availability of the course(s), timetabling constraints and quotas. Students may consult their program coordinator for a recommendation.

IT requirements

Students should visit the USQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Students will need internet access to retrieve course materials, undertake assessment and participate in course online activities.

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

Core Courses

- BIO1104 Medical Microbiology and Immunology 1
- BIO1203 Human Anatomy and Physiology 1
- BIO1204 Introduction to Biomedical Sciences
- BIO2107 Cell and Molecular Biology 1
- CHE1110 Chemistry 1
- CHE2120 Chemistry 2

Biomedical Sciences

- BIO1206 Human Anatomy and Physiology 2
- BIO2118 Systems Physiology and Pharmacology
- BIO2120 Techniques in Comparative Physiology 1
- BIO2218 Concepts in Endocrinology
- BIO2220 Techniques in Comparative Physiology 2
- BIO3103 Applications in Human Tissue Engineering
- BIO3203 Applications in Medical Biotechnology
- BIO3207 Cell and Molecular Biology 2

Exit points

Students who have successfully completed the first 16 units of the Bachelor of Biomedical Sciences in accordance with the recommended enrolment pattern may exit with the ABSC Associate Degree of Biomedical Sciences. Students wishing to undertake this option should consult the Program Coordinator in the School of Health and Wellbeing, Faculty of Health, Engineering and Sciences.

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure.

Enrolment

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Students are advised to consult with student support usq.support@usq.edu.au in situations where their progression is affected either by failure in pre-requisite courses, or where the

Major study: Biomedical Sciences								
Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
Or								
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