

Bachelor of Medical Laboratory Science (BMLS) - BMedLabSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 906131; External: 906135

CRICOS code (International applicants): 098992M

	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, 6 years part-time	
Program articulation:	From: Associate Degree of Medical Laboratory Science	

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.

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 Medical Laboratory Science aims to provide education, training professional practice experience for medical scientists to service the public and private pathology laboratory industry. A secondary aim is to provide graduates who will be equipped with the knowledge and skills required to play a role in the biomedical field including research, technical, advisory and commercial roles.

Program objectives

On completion of this program, students should be able to:

- apply a broad and coherent body of theoretical knowledge and medical laboratory competencies and skills.
- collect, organise, analyse and interpret medical laboratory science literature and laboratory data using appropriate experimental, computational, statistical and technological approaches.
- exhibit scientific literacy and oral, written and digital communication skills to explain medical laboratory science concepts to a range of audiences.
- apply practical laboratory and technical skills to generate accurate clinical and 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 clinical, cultural, institutional, national and global contexts.
- apply ethical, professional and workplace health and safety standards in clinical and research 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](#) expectations: English; General Mathematics
- Recommended Prior Study: One of Biological Science or Chemistry (Units 3 & 4, C) or equivalent.

All students are required to satisfy the applicable [English language requirements](#).

If students do not meet the English language requirements they may apply to study a University-approved [English language program](#). On successful completion of the English language program, students may be admitted to an award program.

[^] These are determined by the University for specific programs each Semester. The 2021 ATAR and tertiary entrance ranks are based on agreed QTAC schedules which assess formal study at Year 12 or [equivalent level](#), tertiary, preparatory, professional or vocational qualifications or work experience, as detailed in the QTAC Assessment of Qualifications Manual and QTAC Assessor Guidelines.

Adjustment factors may help you get into the program of your choice by increasing your entrance rank. The additional points don't apply to all applicants or all programs. Please read the information about USQ's [Adjustment Factors](#) carefully to find out what you may be eligible for.

Requirements for professional experience placements

Practical experience is an integral component of the program and each student is required to undertake and satisfactorily complete 80 days of practical experience in Australia. There is no guarantee of students being able to undertake their placement in a block period.

Progression into practical courses is dependent upon a pass grade in theoretical and other practical courses that have been set as prerequisites.

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](#).

The following courses include residential schools:

- [BIO1104 Medical Microbiology and Immunology 1](#)
- [BIO1203 Human Anatomy and Physiology 1](#)
- [BIO1204 Introduction to Biomedical Sciences](#)
- [CHE1110 Chemistry 1](#)
- [CHE2120 Chemistry 2](#)
- [BIO2104 Molecular Diagnostics 1](#)
- [BIO2106 Medical Microbiology and Immunology 2](#)
- [BIO2108 Haematology 1](#)
- [BIO2215 Clinical Biochemistry 1](#)
- [BIO2216 Histopathology and Cytology 1](#)
- [BIO2217 Transfusion Science](#)
- [BIO3107 Haematology 2](#)
- [BIO3108 Histopathology and Cytology 2](#)
- [BIO3204 Molecular Diagnostics 2](#)
- [BIO3216 Immunopathology and Clinical Microbiology](#)

Exit points

Students who have successfully completed the first 16 units of the Bachelor of Medical Laboratory Science in accordance with the recommended enrolment pattern may exit with the [AMLS Associate Degree of Medical Laboratory Science](#). Students wishing to undertake this option should consult the Program Director 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

Progression

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 they choose a part-time study pattern.

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Major study: Medical Laboratory Science								
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		
Year 1								
BIO1203 Human Anatomy and Physiology 1 *	1	1	1	1,3			HR	

