



in the allied health sciences, or higher degree research such as Honours or Masters and PhD. 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**

^ These are determined by the University for specific programs each Semester. The 2019 OP 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.

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

### **Requirements for professional experience placements**

For the Medical Laboratory Science major, practical experience is an integral component of the program and each student is required to undertake and satisfactorily complete 52 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 which have been set as prerequisites.

Applicants must be willing to undertake and submit the requirements of the University of Southern Queensland

## Required time limits

Students have a maximum of 8 years to complete this program.

## Core courses

Course	Semester(s) offered	Mode
BIO1203 Human Anatomy and Physiology 1*	1,3	ONC, EXT
BIO1103 Pathology Studies	1	ONC, ONL
CHE1110 Chemistry 1*	1	ONC, EXT
BIO1204 Introduction to Biomedical Sciences*	1	ONC, EXT
BIO1104 Medical Microbiology and Immunology 1*	2	ONC, EXT
CHE2120 Chemistry 2*	2	ONC, EXT
STA2300 Data Analysis	1,2,3	ONC, ONL
BIO2107 Cell and Molecular Biology 1	1	ONC, ONL

### Footnotes

\* Highly recommended residential school

## Major studies

The following majors are available in the Bachelor of Health:

- Biomedical Sciences (12-unit major)
- Medical Laboratory Science (16-unit major)

## Biomedical Sciences

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BIO3203 Applications in Medical Biotechnology <sup>+</sup>	2	EXT
BIO3207 Cell and Molecular Biology 2	2	ONC, ONL
SCI3302 Industry Placement <sup>#</sup>	1, 2, 3	ONC, EXT

**Footnotes**

- ^ Highly recommended residential school
- \* Highly recommended residential school (ONC students and EXT students attend Residential School)
- + Mandatory residential school
- # Work placement

**Medical Laboratory Science**

## Approved courses (Biomedical Sciences major)

Course	Semester(s) offered	Mode
<a href="#">BIO2106 Medical Microbiology and Immunology 2</a> ~	2	ONC, EXT
<a href="#">BIO2219 Genetics</a>	2	ONC, ONL
<a href="#">BIO3206 Medical Microbiology and Immunology 3</a> ~	2	ONC, EXT
<a href="#">BIO3219 Biochemistry of Human Diseases</a>	1	ONC, ONL

### Footnotes

~ Mandatory residential school (ONC students and EXT students attend Residential School)

## Minor Studies

Biomedical Sciences major only: Minor 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: V = Voluntary; O = Optional; C = Compulsory; 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](#).

Attendance at mandatory and highly recommended residential schools at the specified USQ campus is an integral component of the program and each student is required to attend as scheduled.

## Core Courses

- [BIO1104 Medical Microbiology and Immunology 1](#)
- [BIO1203 Human Anatomy and Physiology 1](#)
- [BIO1204 Introduction to Biomedical Sciences](#)
- [CHE1110 Chemistry 1](#)
- [CHE2120 Chemistry 2](#)

## Biomedical Sciences

- [BIO2106 Medical Microbiology and Immunology 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](#)

### **Medical Laboratory Science**

- [BIO2106 Medical Microbiology and Immunology 2](#)
- [BIO2108 Haematology 1](#)
- [BIO2216 Histopathology and Cytology 1](#)
- [BIO2217 Transfusion Science](#)
- [BIO3108 Histopathology and Cytology 2](#)
- [BIO3206 Medical Microbiology and Immunology 3](#)
- [BIO3209 Pathology 2](#)

### **Exit points**

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

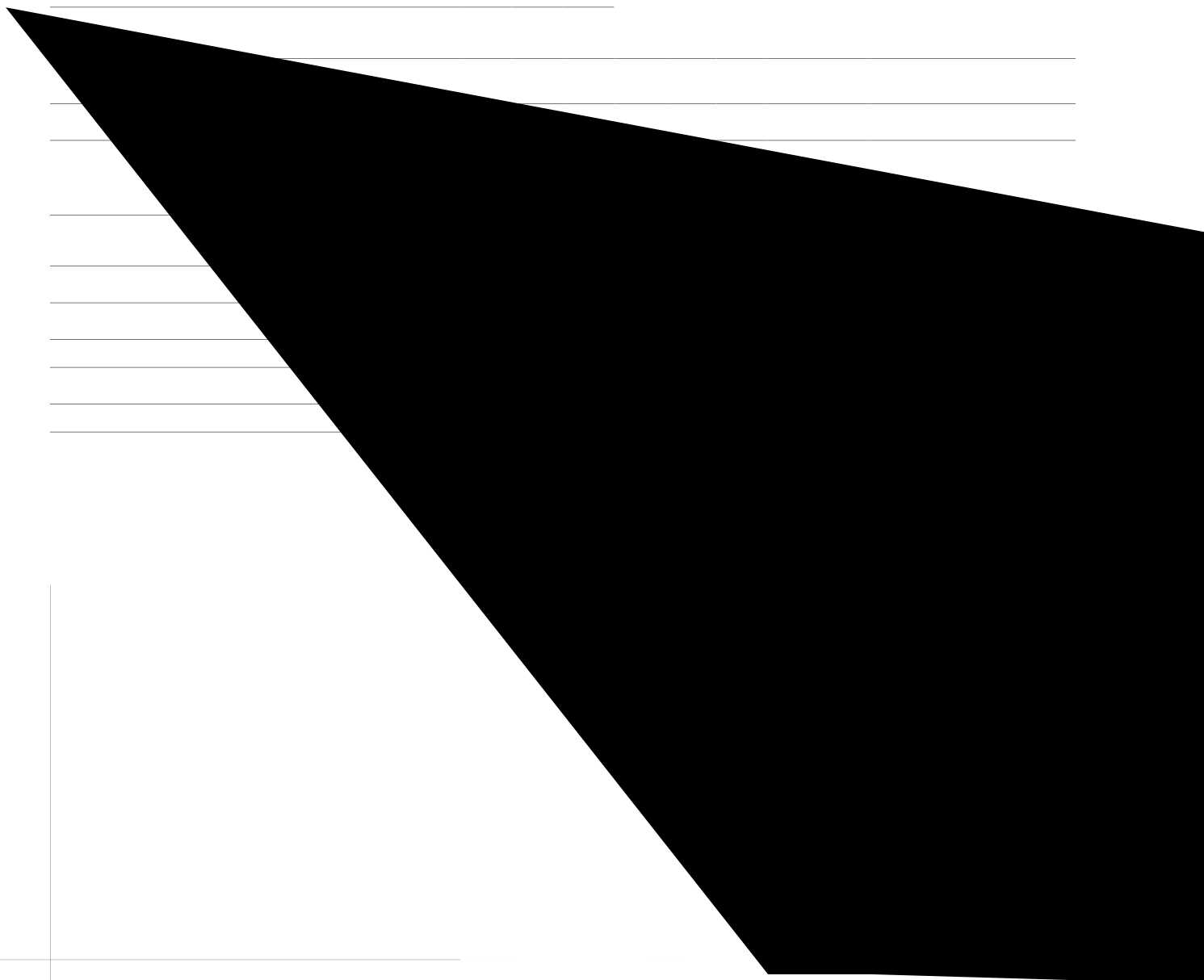
### **Credit**

Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

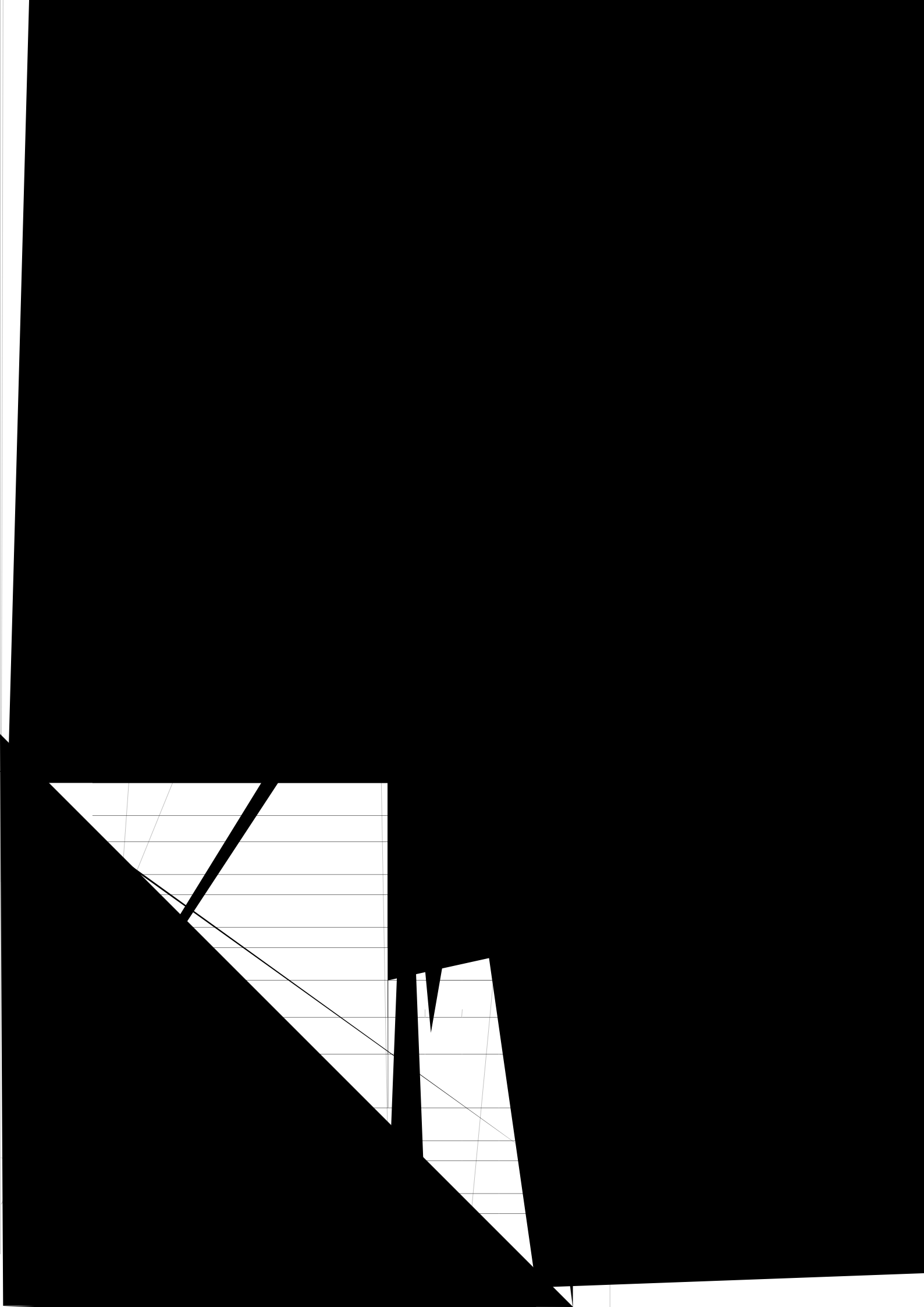
### **Enrolment**

#### Progression

Students are advised to consult with student support [usq.support@usq.edu.au](mailto:usq.support@usq.edu.au) in situations where their progression is af







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