

Bachelor of Biomedical Science



LOCATION	ENTRY THRESHOLD	QTAC CODE	START
Sunshine Coast	60.00	013051	Semester 1, Semester 2
Moreton Bay	60.00	014051	Semester 1, Semester 2

Gain a comprehensive understanding of how the human body works and what happens when diseases, infections and clinical disorders occur.

In this program you will:

- Develop knowledge and skills for working in applied biomedical industries and medical research
- Study foundations in medical science, cell biology/introduction to bioscience, chemistry, human physiology and anatomy, science research methods, and communication. Later develop in physiology, pathophysiology, biochemistry, microbiology, medical genetics, immunology and pharmacology
- Have the opportunity to link with industry and develop a specific interest in biomedical science by undertaking clinical work placements and special research projects. Placements may be in areas such as hospitals, clinical trial centres, pharmaceutical companies and medical research institutes

Career opportunities

- Biomedical research and education
- Biodiscovery
- Biotechnology and genetics
- cardiac, respiratory and sleep diagnostics
- Clinical embryology clinical trial coordination
- Communicable disease control
- Drug registration
- International health
- Medical microbiology
- Medical sales and marketing
- Pharmaceuticals
- Scientific writing and publication

Memberships

Graduates may be eligible to become members of:

- Australian Society for Biotechnology
- Australian Society for Immunology
- Australian Society for Microbiology
- Australian Society for Biochemistry and Molecular Biology
- Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists
- Australian Physiological Society

Program structure

Duration

3 years

Full-time or equivalent part-time

Indicative 2022 fees

A\$8,842 (CSP)

Fees are indicative only and will change based on courses selected and are subject to yearly increases

Recommended prior study

English; General Maths, Maths Methods or Specialist Maths; at least one science subject (preferably Chemistry)

Delivery mode

Blended Learning

Total courses

24

Total units

288

USC program code

SC355

usc.edu.au/sc355

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Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

Introductory courses (7) 84 units

HLT140 Think Health

LFS112 Human Physiology

LFS122 Human Anatomy

MLS101 Foundations in Medical Science

SCI105 Introductory Chemistry

SCI110 Science Research Methods

PLUS select 1* of

LFS100 Cell Biology

LFS103 Introductory Bioscience

*If you are intending to complete the Associate Degree in Medical Laboratory Science (SC211) you MUST enrol in **LFS100** Cell Biology

Developing and Graduate courses (9) 108 units

BIM202 Medical Genetics

BIM263 Introduction to Pharmacology

BIM331 Immunology

LFS203 Integrated Physiology

LFS251 Biochemistry

LFS252 Molecular Biology

LFS261 Microbiology

LFS303 Pathophysiology

PLUS select 1 course from:

WPL310 Workplace Learning I

LFS304 Clinical placement I

SRP301 Special Research Project

BIM371 Clinical Embryology

BIM300 Advanced Professional Skills in Biomedical Science

Minor courses (4) 48 units

Select 1 Minor from: +

- Medical Microbiology (available at Sunshine Coast only)
- Medical Biochemistry (available at Sunshine Coast only)
- Biotechnology (available at Moreton Bay & Sunshine Coast)
- Clinical Trial Management (available at Moreton Bay only)
- Haematology + (available at Sunshine Coast only)

+ Students articulating from SC211 Associate Degree in Medical Laboratory Science to SC355 Bachelor of Biomedical Science MUST SELECT the Haematology minor.

Elective courses (4) 48 units

Select 4 elective courses (48 units) from the undergraduate elective course options.

Note: Program structures are subject to change. Not all USC courses are available on every USC campus.

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