

# 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

## Program structure

Introductory courses (6) 72 units

HLT140 Think Health

LFS112 Human Physiology

LFS122 Human Anatomy

MLS101 Foundations in Medical Science

SCI105 Introductory Chemistry

SCI110 Science Research Methods

Required course from a specified list

Select a total of 12 units from:

Duration

3 years

Full-time or equivalent part-time

Indicative 2023 fees

A\$9,866 - 2024 Fees (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 or Biology)

Delivery mode

Blended Learning

Total courses

24

Total units

288

UniSC program code

SC355

[usc.edu.au/sc355](http://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](http://usc.edu.au).

LFS100 Cell Biology  
LFS103 Introductory Bioscience

Developing courses (6) 72 units

BIM202 Medical Genetics  
BIM263 Introduction to Pharmacology  
LFS203 Integrated Physiology  
LFS251 Biochemistry  
LFS252 Molecular Biology  
LFS261 Microbiology

Graduate courses (9) 108 units

BIM331 Immunology  
LFS303 Pathophysiology

Required course from a specified list

Select a total of 12 units from:

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: +

- Biotechnology (available at Moreton Bay & Sunshine Coast)
- Clinical Trial Management (available at Moreton Bay only)
- Haematology + (available at Sunshine Coast only)
- Medical Biochemistry (available at Sunshine Coast only)
- Medical Microbiology (available at Sunshine Coast only)
- Medical Science (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 a total of 48 units from the undergraduate elective course options.

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

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