

# Bachelor of Biomedical Science



LOCATION	START
Sunshine Coast	Semester 1, Semester 2
Moreton Bay	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:

CRICOS Code  
066285C

Duration

3 years

Only a full-time option is available to international students on a Student visa.

Online programs are not available to Student visa holders.

Indicative 2024 fees

A\$29,000

Annual fee

A\$87,000

Estimated total fee

Tuition fees are reviewed each calendar year. The fee you must pay for a given teaching period is that which has been approved by UniSC for the calendar year in which the teaching period commences

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)

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 29 November 2023

If you were issued a UniSC Letter of Offer, it will specify your study location and teaching period of offer. 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.

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

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 29 November 2023

If you were issued a UniSC Letter of Offer, it will specify your study location and teaching period of offer. 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).