



Understand how  
disease, infection and  
clinical disorders affect the

# human body

## Bachelor of Biomedical Science

In this program, you will gain a comprehensive understanding of how the human body works and what happens when diseases, infections and clinical disorders occur. You will develop the knowledge and skills for working in applied biomedical industries and medical research.

In your first year of study, you will develop your analytical and communication skills, providing a strong foundation for more specialised studies in biomedical science. You will study foundations in medical science, cell biology/introduction to bioscience, chemistry, human physiology and anatomy, science research methods, and communication. You will then develop in key areas including physiology, pathophysiology, biochemistry, microbiology, medical genetics, immunology and pharmacology.

You can also pursue your interests and hone your career opportunities by studying elective courses in clinical and research areas such as molecular biology, biochemical pharmacology, biotechnology, medical microbiology, clinical embryology, haematology and clinical trials coordination.

This program gives you 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.

This program provides you with a strong base if you would like to undertake postgraduate

studies in professional areas such as medicine, dentistry, medical imaging and pharmacy.

### Career opportunities

Graduates are highly trained for employment in areas such as 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; and scientific writing and publication.

### Membership

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.

### LOCATIONS

Sunshine Coast

Moreton Bay

### QTAC CODE

013051

014051^

### MINIMUM SELECTION THRESHOLD

ATAR - 63.00 / OP -- / Rank - 63

### DURATION

3 years full time or equivalent part time

### COMMENCE

Semester 1 or Semester 2

### RECOMMENDED PRIOR STUDY

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

### MORE INFORMATION

Contact Student Central  
information@usc.edu.au  
+61 7 5430 2890

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

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 27 February 2021  
Note: Study options and semester of offer can vary depending on the study location. For full details, visit [usc.edu.au](http://usc.edu.au).



Rise, and shine.