Bachelor of

Biomedical Science

Moreton Bay, Semester 1 2022

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:

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.

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

Total units: 288

Study sequence

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
MLS101 Foundations in Medical Science	• Semester 1	12	Pre: Enrolled in Program SC211, SC355, SC357, SC385, SC201, SC301 or UB001
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505
HLT140 Think Health	• Semester 1	12	

PLUS select 1 course from:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103
LFS103 Introductory Bioscience	• Semester 1, Semester 2	12	Anti: LFS100 The online course offering is not available to students enrolled in a Bachelor of Nursing or Bachelor of Midwifery due to external accreditation.

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261
LFS112 Human Physiology	• Semester 2	12	Anti: LFS201 or LFS202 or LFS203
LFS122 Human Anatomy	• Semester 2	12	

PLUS select 1 elective course from the undergraduate elective course options.

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Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
LFS203 Integrated Physiology	• Semester 1	12	Pre: LFS112 Anti: LFS201 and LFS202
LFS251 Biochemistry	• Semester 1	12	Pre: SCI105 and (LFS100 or LFS103) Anti: MBT251
LFS261 Microbiology	• Semester 1	12	Pre: SCI103 or LFS100 or LFS103 Anti: MEP263 or MBT263

PLUS either:
Select 1 course from your chosen minor
OR
Select 1 elective course from the undergraduate elective course options.

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
BIM202 Medical Genetics	• Semester 2	12	Pre: LFS100 or LFS103
BIM263 Introduction to Pharmacology	• Semester 2	12	Pre: LFS201 or LFS203 or (LFS112 and LFS122) or (HLT100 and enrolled in SC395 or SC306) Anti: BIM261
LFS252 Molecular Biology	• Semester 2	12	Pre: LFS100 or (LFS103 and enrolled in Program SE303, AE304, SC355, SC357 or SC354)

PLUS either:
Select 1 course from your chosen minor
OR
Select 1 elective course from the undergraduate elective course options.

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Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
BIM331 Immunology	• Semester 1	12	Pre: LFS202 or LFS203 or (LFS112 and enrolled in Program SC301, SB301, SA301, SA308, SE303 or UB001) OR Co: LFS203 and enrolled in Program SC357 or SC355 (Associate Degree in Medical Laboratory Science pathway only)
LFS303 Pathophysiology	• Semester 1	12	Pre: (LFS201 and LFS202) or LFS203 or Co: LFS201 or LFS203 and enrolled in Program SC357 Anti: LFS302 or NUR221 or PAR221 or HLT221

PLUS either:
Select 2 courses from your chosen minor
OR
Select 2 elective courses from the undergraduate elective course options.

Semester 2

Select 1 course from:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
LFS304 Clinical placement I	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
SRP301 Special Research Project	• Sunshine Coast: Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
BIM300 Advanced Professional Skills in Biomedical Science	• Semester 2	12	Pre: Students must have completed a minimum of 144 units of study and be enrolled in SC355, SC357, SC385, SC302 or SC301.
BIM371 Clinical Embryology	• Sunshine Coast: Session 8	12	Pre: LFS202 or LFS203 or enrolled in Program SC357

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PLUS either:
Select 3 courses from your chosen minor
OR
Select 3 elective courses from the undergraduate elective course options.

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Program requirements and notes

In order to graduate you must:

- Successfully complete 288 units as outlined in the Program Structure
- Complete no more than 10 introductory level (100 coded) courses
- If you have an interest in cellular processes that underpin medical and biomedical sciences, please enrol in LFS100 Cell Biology. If you are interested in a broad overview of sciences that are relevant to healthcare, please enrol in LFS103 Introductory Bioscience.

Program notes

- Completing this program within the specified (full-time) duration is based on studying 48 unit points per semester (normally 4 courses) and following the recommended study sequence
- The unit value of all courses is 12 units unless otherwise specified
- It is each students responsibility to enrol correctly according to your course requisites, program rules and requirements and be aware of the academic calendar dates
- Courses within this program are assessed using a variety of assessment methods which may include essays, seminar presentations, reports, in-class tests and examinations
- As part of your UniSC program, you may apply to Study Overseas to undertake courses with an overseas higher education provider
- Only a full-time study option is available to international students on a Student Visa
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.

WIL notes

- This program includes placements in settings that may require COVID-19 vaccination with limited placement in settings that do not require full vaccination.

  It is a Queensland Government requirement that students undertaking a placement within a clinical setting are fit tested annually for an approved respirator. Clinical settings include hospitals, residential aged care facilities, residential disability care facilities, prison health services, youth detention health services, community health care settings, and vaccination clinics). If the Fit Testing requirement applies to placement activity within your Program it will appear in your mandatory checks on Sonia Online. In accordance with Australian Standards, you must be clean shaven for your fit test. Facial hair that lies along the sealing surface of a tight-fitting respirator prevents an effective seal. Therefore, it is a requirement that there is no hair growth between the skin and the facepiece sealing surface in order to achieve a fit. At this stage, there is no exemption in Queensland to this requirement for religious or other reasons and USC is unable to waive this requirement.

- For more information on mandatory requirements refer to Biomedical Science - Clinical Placement.

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