

# Associate Degree in Medical Laboratory Science



Sunshine Coast, Semester 2 2022

## Program structure

Introductory courses (8) 96 units

HLT140 Think Health  
LFS100 Cell Biology  
MLS101 Foundations in Medical Science  
SCI105 Introductory Chemistry  
LFS112 Human Physiology  
MLS110 Haematology  
MLS121 Histology  
MLS131 Medical Laboratory Placement 1

Developing and Graduate courses (8) 96 units

BIM203 Blood Banking and Transfusion Sciences  
HLT221 Human Pathophysiology  
LFS251 Biochemistry  
LFS261 Microbiology  
MLS210 Advanced Haematology  
MLS231 Medical Laboratory Placement 2  
LFS262 Medical Microbiology  
MLS211 Medical Biochemistry

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

Total units: 192

## Study sequence

Note: The program duration for students commencing mid year is 2.5 years and some semesters may be part-time enrolled.

### Year 1

#### Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS112 Human Physiology	• Semester 2	12	Anti: LFS201 or LFS202 or LFS203
MLS110 Haematology	• Semester 2	12	Pre: Enrolled in Program SC385, SC211, SC357 or SC355
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505

[usc.edu.au/sc211](http://usc.edu.au/sc211)

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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).

## Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
HLT140 Think Health	• Semester 1	12	
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103.
MLS101 Foundations in Medical Science	• Semester 1	12	Pre: Enrolled in Program AB101, SC211, SC355, SC357, SC385, SC201, SC301, UU301, UU302 or XU301
MLS210 Advanced Haematology	• Semester 1	12	Pre: MLS110 and enrolled in Program SC211, SC355 or SC357

## Year 2

### Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
MLS121 Histology	• Session 6	12	Pre: LFS100 and enrolled in Program SC211 or SC385  Co: LFS112
MLS131 Medical Laboratory Placement 1	• Session 1, Session 5, Session 8	12	Pre: MLS101 and MLS110 and MLS121 and enrolled in Program SC211
BIM203 Blood Banking and Transfusion Sciences	• Semester 2	12	Pre: LFS112 and MLS110 and enrolled in Program SC211, SC355 or SC357  Anti: MLS212

### Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
HLT221 Human Pathophysiology	• Semester 1	12	Pre: LFS112 or HLT100 and enrolled in Program SC211, SC304, SC306, SC367, SC391, SC392, SC394, SC395, SC346. AB101, UU301, UU302 or XU301  Anti:

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LFS251 Biochemistry	• Semester 1	12	LFS302 or LFS303 or NUR221 or PAR221 Pre: SCI105 and (LFS100 or LFS103) Anti: MBT251
LFS261 Microbiology	• Semester 1	12	Pre: SCI103 or LFS100 or LFS103 or AB101, UU301 or XU301 Anti: MEP263 or MBT263

## Year 3

### Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS262 Medical Microbiology	• Semester 2	12	Pre: MBT263 or LFS261 or MEP263 Anti: MEP252 or MEP253 or MBT253
MLS211 Medical Biochemistry	• Semester 2	12	Pre: LFS251
MLS231 Medical Laboratory Placement 2	• Session 1, Session 5, Session 8	12	Pre: MLS131 and enrolled in Program SC211

Students should note the Medical Laboratory Placement courses (MLS131 and MLS231) will be offered in a variety of sessions to allow for flexibility with available industry placements.

## Program requirements and notes

### Program requirements

In order to graduate you must:

- Successfully complete 192 units as outlined in the Program Structure
- Complete no more than 10 introductory level (100) coded courses.

In order to commence industry placement you must:

- Before undertaking industry placement courses, students must provide proof of vaccination against Hepatitis B, Measles, Mumps, Rubella, Pertussis and Varicella (Chickenpox).
- Have a National Criminal History check (by Queensland Police Service or other state/territory authority).
- Hold a valid USC Blue Card for working with children.
- Students must undertake mandatory online orientation courses for the organisations where they will be placed, and will be required to sign a confidentiality agreement regarding patient information.

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- Students will be required to complete placement(s) in rural/regional locations. Students will be required to fund the cost for travel, accommodation, fuel etc. associated with placement. USC scholarships and bursaries are available for students to apply to supplement these costs.

For information about how to complete Post-admission requirements, visit [Medical Laboratory Science \(Placements\) - Mandatory requirements](#).

#### Program notes

- Follow the program structure for your year and semester of commencement unless advised otherwise
- 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. Please be aware that if commencing in semester 2, the duration will be 2.5 years and some semesters can only be taken part-time.
- The unit value of all courses is 12 units unless otherwise specified
- It is each student's 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 including essays, seminar presentations, reports, in-class tests and examinations. Not all courses will necessarily include all methods.
- As part of your USC program, you may apply to Study Overseas to undertake courses with an overseas higher education provider.
- Refer to the [Managing your progression](#) page for help in understanding your program structure, reviewing your progress and planning remaining courses.
- Concurrent study with the Bachelor of Biomedical Science is generally not permitted. However in some special circumstances applications for concurrent study may be considered on a case by case basis for students that have completed at least 144 units (12 courses) of the Associate Degree in Medical Laboratory Science. Please contact Student Central for application information.