

Bachelor of
**Biomedical Science
(Accelerated)**



Sunshine Coast, Semester 1 2022

Program structure

Introductory courses (7) 84 units

HLT140 Think Health
LFS112 Human Physiology
LFS122 Human Anatomy
MLS101 Foundations in Medical Science
SCI105 Introductory Chemistry
SCI110 Science Research Methods

PLUS select 1 course from:

LFS100 Cell Biology
LFS103 Introductory Bioscience

Developing and Graduate courses (9) 108 units

BIM202 Medical Genetics
BIM263 Introduction to Pharmacology
BIM331 Immunology
LFS203 Integrated Physiology
LFS251 Biochemistry
LFS252 Molecular Biology
LFS261 Microbiology
LFS303 Pathophysiology

PLUS select 1 course from:

BIM300 Advanced Professional Skills in Biomedical Science
BIM371 Clinical Embryology
WPL310 Workplace Learning I
LFS304 Clinical placement I
SRP301 Special Research Project

Minor courses (4) 48 units

Complete the following Minor (48 units)

- Medical Science

Elective courses (4) 48 units

Select 4 elective courses (48 units) from the undergraduate elective course options. Of the electives, 1 (12 units) must be developing or graduate level (200/300 coded).

Recommended elective courses for Session 8, Year 1 include:

SRP301 Special Research Project
SRP321 Special Research Project
WPL310 Workplace Learning I
WPL320 Workplace Learning II

Recommended electives courses for Session 8, Year 2 include:

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BIM303 Introduction to Clinical Trial Coordination

BIM371 Clinical Embryology

SRP301 Special Research Project

SRP321 Special Research Project

WPL310 Workplace Learning I

WPL320 Workplace Learning II

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

Total units: 288

Study sequence

- Students will normally enrol in five (5) courses in each semester (60 units), as well as completing additional courses over Session 8, to enable completion of the BBiomedSc(Accel) program in 2-years. However, students may enrol in up to 72 units on the recommendation of their mentor, and with the approval of the Program Coordinator

Year 1

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
MLS101 Foundations in Medical Science	• Semester 1	12	Pre: Enrolled in Program AB101, SC211, SC355, SC357, SC385, SC201, SC301, UU301, UU302 or XU301
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261
HLT140 Think Health	• Semester 1	12	

PLUS select 1 course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103 .
LFS103 Introductory Bioscience	• Semester 1, Semester 2	12	Anti: LFS100

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS112 Human Physiology	• Semester 2	12	Anti: LFS201 or LFS202 or LFS203
LFS122 Human Anatomy	• Semester 2	12	

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LFS252 Molecular Biology	• Semester 2	12	Pre: LFS100 or (LFS103 and enrolled in Program SE303, AE304, SC355, SC357 or SC354)
CHM202 Organic Chemistry	• Semester 2	12	Pre: SCI105 or SCI505 Anti: CHM502
SCI202 Advanced Research Methods and Statistics	• Semester 2	12	Pre: SCI110 or BUS101 Anti: ANM203

Session 8 (24 units)

Select 2 elective courses from the undergraduate elective course options.

Year 2

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
BIM331 Immunology	• Semester 1	12	Pre: LFS202 or LFS203 or (LFS112 and enrolled in Program SC301, SB301, SA301, SA308 or SE303) OR Co: LFS203 and enrolled in Program SC357 or SC355 (Associate Degree in Medical Laboratory Science pathway only)
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 or AB101, UU301 or XU301 Anti: MEP263 or MBT263
LFS303 Pathophysiology	• Semester 1	12	Pre: (LFS201 and LFS202) or

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LFS203 or
 Co:
 LFS201 or **LFS203** and enrolled
 in Program SC357

Anti:
 LFS302 or NUR221 or PAR221
 or **HLT221**

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	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
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

PLUS Select 1 course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS304 Clinical placement I	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
SRP301 Special Research Project	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required.
BIM300 Advanced Professional Skills in Biomedical Science	• Semester 2	12	Pre: Course Coordinator Consent Required and enrolled in SC355, SC357, SC385, SC302 and SC301
WPL310 Workplace Learning I	• Session 1, Session 5, Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
BIM300 Advanced Professional Skills in Biomedical Science	• Semester 2	12	Pre: Course Coordinator Consent Required and enrolled in

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Session 8 (24 units)

Select 2 elective courses from the undergraduate elective course options.

Program requirements and notes

Program requirements

In order to graduate you must:

- Successfully complete 288 units as outlined in the Program Structure
- Complete no more than 10 introductory (100 coded) courses

Program notes

- If you have an interest in plants and animals more broadly please enrol into **LFS100** Cell Biology. If you are interested in health-related bioscience, please enrol into **LFS103** Introductory Bioscience.
- Students must commence the program in Semester 1
- Students must progress in a full-time mode in accordance with the requirements set out by the BBiomedSc(Accel) program and complete the program in 2-years
- Students will be transferred to the standard Bachelor of Biomedical Science program if they (1) decide to move to part-time enrolment; (2) are unable to maintain the high course workload associated with the accelerated program; or (3) are unable to maintain a GPA of 5.5 or better each semester.
- Students will normally enrol in five (5) courses in each semester (60 units), as well as completing additional courses over Session 8, to enable completion of the BBiomedSc(Accel) program in 2-years. However, students may enrol in up to 72 units on the recommendation of their mentor, and with the approval of the Program Coordinator
- Where there are exceptional unforeseen circumstances such as in the case of illness, students must apply for special dispensation to the Program Coordinator
- 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 which may include essays, seminar presentations, reports, in-class tests and examinations
- As part of your USC 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.