Bachelor of
Medical Science

UniSC

Sunshine Coast, Semester 1 2022

Program structure

Introductory courses (7) 84 units

LFS100 Cell Biology
LFS112 Human Physiology
LFS122 Human Anatomy
MLS101 Foundations in Medical Science
PUB112 Public Health Foundations
SCI105 Introductory Chemistry
SCI110 Science Research Methods

Developing and Graduate courses (15) 180 units

BIM202 Medical Genetics
BIM263 Introduction to Pharmacology
BIM331 Immunology
CHM202 Organic Chemistry
LFS203 Integrated Physiology
LFS251 Biochemistry
LFS261 Microbiology
LFS262 Medical Microbiology
LFS303 Pathophysiology
MED202 Communication Skills for Medicine
MED301 Integrated Medical Science
MLS211 Medical Biochemistry
NUR222 Health, Law and Ethics
PUB361 Epidemiology and Biostatistics
SPX201 Functional Anatomy

Specified electives (2) 24 units

Select 2 courses (24 units) from:

BIM303 Clinical Trials Management
BIM341 Biochemical Pharmacology
BIM371 Clinical Embryology
CHM311 Medicinal Organic Chemistry
MBT301 Pharmaceutical and Food Microbiology
MBT353 Microbial Pathogenesis
MBT361 Applied Microbiology and Biotechnology
SRP301 Special Research Project
SRP321 Special Research Project
WPL310 Workplace Learning I
WPL320 Workplace Learning II

*a GPA of at least 5.00 and a minimum pass grade required for entry to Doctor of Medicine

Total units: 288

Study sequence

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
MLS101 Foundations in Medical Science	• Semester 1	12	Pre: Enrolled in Program SC211, SC355, SC357, SC385, SC201, SC301 or UB001
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
CHM202 Organic Chemistry	• Semester 2	12	Pre: SCI105 or SCI505 Anti: CHM502
LFS112 Human Physiology	• Semester 2	12	Anti: LFS201 or LFS202 or LFS203
LFS122 Human Anatomy	• Semester 2	12	
PUB112 Public Health Foundations	• Semester 2	12	

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	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
SPX201 Functional Anatomy	• Semester 1	12	Pre: LFS122

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
NUR222 Health, Law and Ethics	• Online: Semester 2	12	Pre: Enrolled in Program SC385, SC391, SC392, SC393 or SC335 Anti: PAR222
MED202 Communication Skills for Medicine	• Sunshine Coast Health Institute: Session 7	12	Pre: Completed 144 units and enrolled in SC385 Co: NUR222

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, 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
PUB361 Epidemiology and Biostatistics	• Semester 1	12	Pre: SCI110

PLUS select one (1) specified elective course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
BIM341 Biochemical Pharmacology	• Semester 1	12	Pre: MBT251 or LFS251
			Anti: MBT351
MBT301 Pharmaceutical and Food Microbiology	• Semester 1	12	Pre: MBT263 or LFS261
MBT361 Applied Microbiology and Biotechnology	• Semester 1	12	Pre: MBT263 or LFS261
			Anti: MBT363 or MBT364
SRP301 Special Research Project	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
SRP321 Special Research Project	• Session 8, Semester 1, Semester 2	24	Pre: Course Coordinator Consent Required
WPL310 Workplace Learning I	• Session 1, Session 5, Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
WPL320 Workplace Learning II	• Session 1, Session 5, Session 8, Semester 1, Semester 2	24	Pre: Course Coordinator Consent Required

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
MED301 Integrated Medical Science	• Session 6	12	Pre: LFS303 and enrolled in Program SC385
MLS211 Medical Biochemistry	• Semester 2	12	Pre: LFS251

PLUS select one (1) specified elective course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
BIM303 Clinical Trials Management	• Session 8	12	Pre: BIM263 or BIM341
BIM371 Clinical Embryology	• Session 8	12	Pre:

			LFS202 or LFS203 or enrolled in Program SC357
CHM311 Medicinal Organic Chemistry	• Semester 2	12	Pre: CHM202
MBT353 Microbial Pathogenesis	• Semester 2	12	Pre: Course Coordinator Consent Required and MBT263 or LFS261 or (MLS200 and enrolled in UB001)
			Anti: MEP351
SRP301 Special Research Project	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
SRP321 Special Research Project	• Session 8, Semester 1, Semester 2	24	Pre: Course Coordinator Consent Required
WPL310 Workplace Learning I	• Session 1, Session 5, Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
WPL320 Workplace Learning II	• Session 1, Session 5, Session 8, Semester 1, Semester 2	24	Pre: Course Coordinator Consent Required

Program requirements and notes

In order to graduate you must:

• Successfully complete 288 units as outlined in the Program Structure

Program notes

• Part-time study NOT AVAILABLE in this program
• Courses within the program incorporate a range of assessment regimes that match the learning outcomes for the course, and also the program. They include the use of assignments, reviews, technical reports, standard and on-line review quizzes, seminar and poster presentations (individual and group), creative project work, research projects and final examinations.
• Students will be required to purchase personal protection equipment (laboratory coat, safety glasses, closed footwear) for use during the practical work at USC. There will be costs associated to the purchase of course text books and readers. Possible cost of travel to clinical sites for students choosing an elective course in work integrated learning.
• 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
• Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.
• The Study Overseas Program is not currently available to Medical Science students.