

# S323 BACHELOR OF BIOMEDICAL SCIENCE

## FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT



FOR STUDENTS COMMENCING TRIMESTER 2 2023

Last updated 25/01/2023

When you first enrol via StudentConnect and go through the enrolment steps, you may be able to simply confirm any units that are pre-populated for you. You can also add any that you need to do, as part of your first year's enrolment – by using the information on this map and in the Handbook.

You must also complete the following compulsory zero (0) credit point units: STP010 Career Tools for Employability (0 credit points)  
AND STP050 Academic Integrity (0 credit points)  
AND SLE010 Laboratory and Fieldwork Safety Induction Program (0 credit points)

<b>YEAR</b> <b>1</b> Year: 2023	Trimester 2				
	Trimester 3				

<b>YEAR</b> <b>2</b> Year: 2024	Trimester 1				
	Trimester 2				
	Trimester 3				

<b>YEAR</b> <b>3</b> Year: 2025	Trimester 1				
	Trimester 2				
	Trimester 3				

<b>YEAR</b> <b>4</b> Year: 2026	Trimester 1				
	Trimester 2				
	Trimester 3				

\* Assumed knowledge: SLE133 Chemistry in our World or high achievement in VCE Chemistry 3 and 4 (or equivalent).

^Students intending to complete the Pharmaceutical Science major should undertake SLE155 in Year 1, Trimester 2 or Trimester 3, in order to fit the major units into their course map. Course Advisors are available to assist with course mapping.

Students must have successfully completed STP010 Career Tools for Employability (0-credit point unit) before commencing SLE301 Professional Practice.

Students with a background of high achievement in VCE Chemistry 3 and 4 (or equivalent) may choose to replace SLE133 Chemistry in our World with an elective unit.

### S323 COURSE RULES

- Must pass 24 credit points for course
- Must pass ALL units in {SLE111, SLE115, SLE123, SLE132, SLE155, SLE212, SLE221, SLE234, SLE251, SLE254, SLE301, SLE323, SLE334, SLE357}
- Must pass ALL units in {SLE010, STP010, STP050}
- Must pass 14 credit points at levels {2, 3}
- Must pass 6 credit points at level {3}
- Must pass no more than 10 credit points at level {1}
- Must pass 1 unit set(s) in {Medical Biotechnology (MJ-H000032), Infection and Immunity (MJ-S000058), Environmental Health (MJ-S000059), Molecular Life Sciences (MJ-S000071), Medical Genomics (MJ-S000076), Pharmaceutical Science (MJ-S000082)}

FOR USE ONLY WHEN UNDERTAKING A CONSULTATION WITH A STUDENT ADVISER:

Student ID: _____		Name: _____		
Deakin email: _____		Preferred contact no: _____		
Year commenced:	Period commenced:	eCOE (if applicable):	Campus: _____	Mode: _____
Student adviser: _____				Date: _____

Notes

GENERAL INFORMATION

This course map is a guide only. You must also ensure you meet the course rules and structure as set out in the official [University Handbook](#) of the year you commenced your course. This course map has been created to be used electronically.

Not all units are available in all study periods or mode of delivery.

- Full time study is typically three to four units (or credit points) each study period.
- Part time study is typically one to two units (or credit points) each study period – part time study will extend the duration of your studies.
- Trimester 3 is typically an optional study period - unless it's your first study period and/or a compulsory study period for your course.

Unit options can be found in the '[Advanced Unit Search](#)' in the most current year's University Handbook.

If you have applied for or received credit for units as recognition of prior learning (RPL), it may alter the units you need to study.

Please seek advice from a Student Adviser in StudentCentral if you have any queries or need help understanding your course structure and unit options.

S323 BACHELOR OF BIOMEDICAL SCIENCE MAJOR UNIT SETS

<b>ENVIRONMENTAL HEALTH (MJ-S000059)</b>
<a href="#">HBS107 Understanding Health</a>
<a href="#">HSH205 Epidemiology and Biostatistics 1</a>
<a href="#">HSN101 Foundations of Food, Nutrition and Health</a>
<a href="#">SLE111 Cells and Genes</a>
<a href="#">SLE234 Microbiology</a>
<a href="#">SLE312 Toxicology</a>
<a href="#">SLE342 Risks to Healthy Environments</a>

Completion Rule

- Must pass all unit(s) in {HSH205, HSN101, SLE234, SLE312, SLE342}
- Must pass 1 unit(s) in {HBS107, SLE111}

Note(s)

For students undertaking this major as part of S323 Bachelor of Biomedical Science you must undertake HBS107 Understanding Health as part of this major.

For students undertaking this major as part of H300 Bachelor of Health Sciences or D391 Bachelor of Health Sciences/Bachelor of Arts you must undertake SLE111 Cells and Genes as part of this major.

### INFECTION AND IMMUNITY (MJ-S000058)

[HMM103 Cell Technology](#)

[HMM202 Molecular Diagnostics](#)

[HMM204 Haematology and Immunology](#)

[HMM303 Emerging Infectious Diseases and Their Control](#)

[HMM304 Therapeutic Development](#)

[HSH205 Epidemiology and Biostatistics 1](#)

Completion Rule

- Must pass all unit(s) in {HMM103, HMM202, HMM204, HMM303, HMM304, HSH205}

### MEDICAL BIOTECHNOLOGY (MJ-H000032)

[HMM101 Introduction to Medical Biotechnology](#)

[HMM102 Principles of Gene and Genomic Technology](#)

[HMM201 Medical Nanotechnology](#)

[HMM202 Molecular Diagnostics](#)

[HMM302 Innovations in Medical Biotechnology](#)

[HMM305 Cell and Tissue Engineering](#)

Completion Rule

- Must pass all unit(s) in {HMM101, HMM102, HMM201, HMM202, HMM302, HMM305}

### MEDICAL GENOMICS (MJ-S000076)

[HMM102 Principles of Gene and Genomic Technology](#)

[HMM105 Applied Ethics](#)

[HMM202 Molecular Diagnostics](#)

[HSH205 Epidemiology and Biostatistics 1](#)

[SLE339 Human Genetics and Genomics](#)

[SLE340 Genomes and Bioinformatics](#)

Completion Rule

- Must pass all unit(s) in {HMM102, HMM105, HMM202, HSH205, SLE339, SLE340}

**MOLECULAR LIFE SCIENCES (MJ-S000071)**

HMM105 Applied Ethics

HMM301 Principles of Pharmacology

SLE211 Principles of Physiology

SLE222 Biochemical Metabolism

SLE312 Toxicology

SLE339 Human Genetics and Genomics

Completion Rule

- Must pass all unit(s) in {HMM105, HMM301, SLE211, SLE222, SLE312, SLE339}

**PHARMACEUTICAL SCIENCE (MJ-S000082)**

HMM301 Principles of Pharmacology

HMM304 Therapeutic Development

SLE210 Chemistry the Enabling Science

SLE214 Organic Chemistry

SLE312 Toxicology

SLE318 Synthetic and Medicinal Chemistry

Completion Rule

- Must pass all unit(s) in {HMM301, HMM304, SLE210, SLE214, SLE312, SLE318}