

Student ID:		Student name:	
Deakin email:		Preferred contact number:	
Date:	Year commenced:	eCOE:	Campus:

## 2020 SAMPLE T1 COURSE MAP

Last updated 15/7/2019

**SLE010 – Laboratory and Fieldwork Safety Induction Program (0-credit point compulsory unit)**
**STP050 - Academic Integrity (0-credit point compulsory unit)**

<b>YEAR 1</b> Year: Year	Trimester 1	SLE111 Cells and Genes	SLE133 Chemistry in Our World <sup>^</sup> Or Elective	SLE115 Essential Skills in Bioscience	Science Major / Elective
	Trimester 2	SLE155 Chemistry for the Professional Sciences	SLE132 Biology: Form and Function	SLE123 Physics for the Life Sciences	Science Major / Elective
	Trimester 3				

**STP010 – Career Tools for Employability (0-credit point compulsory unit)**

<b>YEAR 2</b> Year: Year	Trimester 1	SLE212 Biochemistry	SLE234 Microbiology	SLE251 Research Methods and Data Analysis	Science Major / Elective
	Trimester 2	SLE254 Genetics and Genomics	SLE206 Cell Biology+ (B- Tri 2) OR Major (SLE222 WP-T2)	SLE221 Systems Physiology	Science Major / Elective
	Trimester 3	SLE206 Cell Biology+ (G- Tri 3) OR Major (SLE235 B-T3)			

<b>YEAR 3</b> Year: Year	Trimester 1	SLE323 Advanced Topics in Biomedical Science	Science Major / Elective	Science Major / Elective	Science Major / Elective
	Trimester 2	SLE390 Professional Practice in Bioscience #	SLE334 Medical Microbiology and Immunology	SLE346 Molecular Basis of Disease	Science Major / Elective
	Trimester 3				

<sup>^</sup> Note: Students who have completed Year 12 Chemistry or equivalent may choose to replace SLE133 Chemistry in Our World with an elective unit.

<sup>#</sup> Must have successfully completed STP010 Career Tools for Employability (0-credit point unit).

<sup>+</sup> SLE206 is offered in Trimester 2 at Burwood (Melbourne) and Trimester 3 at Waurn Ponds (Geelong)

**KEY**

<b>B</b> Melbourne Burwood Campus	<b>E</b> Enrolled/planned
<b>WF</b> Geelong Waterfront Campus	<b>P</b> Passed
<b>WP</b> Geelong Waurn Ponds Campus	<b>Cr</b> Credit
<b>WB</b> Warrnambool Campus	
<b>C</b> Cloud Campus	

This course map is for illustrative purposes only. Students must meet the course rules and unit requirements as set out in the Handbook ([deakin.edu.au/handbook](http://deakin.edu.au/handbook)). Deakin University reserves the right to alter, amend or delete details of course offerings and other information published herein. Students are advised to check the relevant Handbook online (at the above link) for the most up-to-date information relating to their course structure and available units.

Student signature:

Course adviser:

See page 2 for Course Progress Check instructions

# S323 Bachelor of Biomedical Science

## 2020 SAMPLE T1 COURSE MAP

### Course Progress Check

- 1 Please indicate what year you want to complete your degree by:   
At the end of which Trimester:  1  2  3
- 2 Please indicate whether you would like to study in Trimester 3:  No  Yes  
If yes, please indicate number of units:  Please indicate the year you intend to commence Trimester 3:
- 3 Mark the check boxes of any units you intend to study (enrolled/planned), have passed or received credit for.  
Each unit should only be ticked once.
- 4 Submit this form to Student Central or send it via email to: [enquire@deakin.edu.au](mailto:enquire@deakin.edu.au)

**A Student Adviser will check your units and will confirm your course plan or provide advice as needed.**

For course rules please visit: [deakin.edu.au/handbook](http://deakin.edu.au/handbook)

### S323 Course Rules

The course comprises a total of 24 credit points, which must include the following:

- 15 credit points of core units (which includes a compulsory professional practice unit at level 3);
- At least one 6 credit point approved major sequence from the list below;
- Completion of SLE010 Laboratory and Fieldwork Safety Induction Program (0-credit point compulsory units);
- Completion of STP050 Academic Integrity (0-credit point compulsory unit);
- Completion of STP010 Career Tools for Employability (0-credit point compulsory unit);
- Level 1- up to 10 credit points;
- Level 3- at least 6 credit points

### Major sequences

Refer to the details of each major sequence for availability [deakin.edu.au/handbook](http://deakin.edu.au/handbook).

Students must complete at least one major from the following areas:

- Environmental Health
- Infection and Immunity
- Medical Biotechnology
- Medical Genomics
- Molecular Life Sciences
- Pharmaceutical Science

### Recommended elective units:

ASS101 Peoples of the World	HPS203 The Human Mind	SLE103 Ecology and the Environment
HBS109 Human Structure and Function	HPS310 Brain, Biology and Behaviour	SLE209 Science and Society
HBS110 Health Behaviour	HSE102 Functional Human Anatomy	SLE224 Animal Behaviour
HMM203 Human Anatomy	HSN211 Nutritional Physiology	SLE225 Global Environmental Placement
HPS111 Psychology A: Fundamentals of Human Behaviour	SIT190 Introductory Mathematical Methods	SLE314 Research Project
HPS121 Psychology B: Individual and Social Development	SIT199 Applied Algebra and Statistics	

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<b>WB</b> Warrnambool Campus	
<b>C</b> Cloud Campus	

## Major Sequences

Students must complete one of the following major sequences:

<b>Environmental Health - unit set code MJ-S000059</b>			
<i>Burwood (Melbourne), Waurn Ponds (Geelong)</i>			
Unit code	Unit Title	Trimester	Prerequisite/s
HBS107	Understanding Health	T1, T2, T3 (C)	Nil
HSN101	Foundations of Food, Nutrition and Health	T1 T3 (C)	Nil
SLE234	Microbiology ( <i>core to the course</i> )	T1	SLE111 or for students enrolled in H300 - SLE111 or HMM102 and HMM103
HSH205	Epidemiology and Biostatistics 1	T1	One unit from HBS108, HNN108, SLE101, SLE115
SLE312	Toxicology	T1 (C)	One level 2 chemistry or biology unit must have been completed (one of SLE212, SLE222, SLE211, SLE221, SLE234) or (one of SLE210, SLE213, SLE214, SLE233, SLE235). Biology - particularly physiology and biochemistry, would be an advantage.
SLE342	Risks to Healthy Environments	T2 (C)	Must have completed one of HSH205, SLE102, SLE103, SLE121, SLE201, SLE207
<b>Infection and Immunity - unit set code MJ-S000058</b>			
<i>Burwood (Melbourne), Waurn Ponds (Geelong)</i>			
HMM103	Cell Technology	T2	Nil
HMM204	Haematology and Immunology ( <i>previously HMM104</i> )	T1	HMM103
HMM202	Molecular Diagnostics	T2	HMM102 or HMM103
HSH205	Epidemiology and Biostatistics 1	T1	One unit from HBS108, HNN108, SLE101, SLE115
HMM304	Therapeutic Development	T2	HMM202 or SLE212
HMM303	Emerging Infectious Diseases and their Control	T1	One of: SLE234, HMM202 or HSH216
<b>Medical Biotechnology - unit set code MJ-H000032</b>			
<i>Waurn Ponds (Geelong), Burwood (Melbourne)</i>			
HMM101	Introduction to Medical Biotechnology	T1	Nil
HMM102	Principles of Gene and Genomic Technology	T2	Nil
HMM201	Medical Nanotechnology	T1	HMM102 or HMM103
HMM202	Molecular Diagnostics	T2	HMM102 or HMM103
HMM302	Innovations in Medical Biotechnology	T1	HMM201
HMM305	Cell and Tissue Engineering	T2	HMM202

**S323 Bachelor of Biomedical Science**

## 2020 SAMPLE T1 COURSE MAP

<b>Medical Genomics - unit set code MJ-S000076</b>			
<i>Burwood (Melbourne), Waurn Ponds (Geelong)</i>			
Unit code	Unit Title	Trimester	Prerequisite/s
HMM102	Principles of Gene and Genomic Technology	T2	Nil
HSH205	Epidemiology and Biostatistics 1	T1	One unit from HBS108, HNN108, SLE101, SLE115
HMM202	Molecular Diagnostics	T2	HMM102 or HMM103
SLE340	Genomes and Bioinformatics	T1	SLE254
SLE321	Molecular Biology Techniques	T1	One of SLE206, SLE221, SLE234 or SLE254
SLE339	Human Genetics and Genomics	T2	SLE254
<b>Molecular Life Sciences - unit set code MJ-S000071</b>			
<i>Burwood (Melbourne), Waurn Ponds (Geelong)</i>			
SLE211	Principles of Physiology	T1	One of SLE111, HBS109 or SLE132
SLE222	Biochemical Metabolism	T2	SLE152 or SLE155
SLE321	Molecular Biology Techniques	T1	One of SLE206, SLE221, SLE234 or SLE254
SLE339	Human Genetics and Genomics	T2	SLE254
HMM301	Principles of Pharmacology	T1	SLE212 or HNN215
SLE312	Toxicology	T1 (C)	One level 2 chemistry or biology unit must have been completed (one of SLE212, SLE222, SLE211, SLE221, SLE234) or (one of SLE210, SLE213, SLE214, SLE233, SLE235). Biology - particularly physiology and biochemistry, would be an advantage.
<b>Pharmaceutical Science – unit set code MJ-S000082</b>			
<i>Burwood (Melbourne), Waurn Ponds (Geelong)</i>			
SLE210	Chemistry the Enabling Science	T1	SLE152 or SLE155
SLE214	Organic Chemistry	T2	One of SLE152, SLE155
SLE222	Biochemical Metabolism OR	T2	SLE152 or SLE155
SLE235	Chemical Systems	T3 (B)	SLE155
SLE318	Synthetic and Medicinal Chemistry	T1	SLE214 and at least four other level 2 units
HMM301	Principles of Pharmacology	T1	SLE212 or HNN215
HMM304	Therapeutic Development	T2	HMM202 or SLE212