

**Bachelor of Biomedical Science/  
Bachelor of Applied Public Health**

(Information last updated on 15 September 2022)



**Course Map  
Melbourne**

**Students commencing Semester 1 2023**

YEAR 1: 2023				
<b>SEM 1</b>	<b>BIOL123</b> Cells and Tissues – the Fabric of Life	<b>BIOL125</b> Human Biology 1	<b>PUBH100</b> Foundations of Public Health	<b>BMSC102</b> Numerical Reasoning
<b>SEM 2</b>	<b>BIOL126</b> Human Biology 2 (Pre BIOL125)	<b>BMSC110</b> Communicating Ideas in Science	<b>Core Curriculum 100 level unit:</b> Either UNCC100 or PHCC102 or PHCC104 10cp <a href="#">See here for details</a>	<b>PUBH103</b> Epidemiology M
YEAR 2: 2024				
<b>SEM 1</b>	<b>BMSC209</b> Pathophysiology (Pre: BIOL126 or BIOL204)	<b>CHEM105</b> Foundations of Chemistry	<b>HLSC120</b> Indigenous Culture and Health	<b>PUBH102</b> Foundations of Health Promotion
<b>SEM 2</b>	<b>BMSC100</b> Introductory Biostatistics	<b>CHEM106</b> Physical and Organic Chemistry (Pre CHEM105)	<b>PUBH200</b> Globalisation, Environment and Health (Pre PUBH100 or PUBH102)	<b>PUBH205</b> Public Health Emergency Response (Pre PUBH100 OR PUBH102)
YEAR 3: 2025				
<b>SEM 1</b>	<b>Core Curriculum 300 level unit:</b> Either UNCC300 or PHCC320 10cp <a href="#">See here for details</a>	<b>PUBH306</b> Public Health Policy and Law (Pre PUBH100 OR PUBH102)	<b>PUBH204</b> Public Health Economics (Pre PUBH100 or PUBH102) M	<b>CHEM204</b> Biochemistry (Pre CHEM106 OR CHEM112)
<b>SEM 2</b>	<b>BIOL205</b> Pharmacology 1 (Pre BIOL124 OR BMSC209)	<b>HLSC301</b> Community Engagement (Pre UNCC100)	<b>BMSC208</b> Research Design and Ethics M	<b>BMSC207</b> Microbiology and Immunology (Pre BIOL123 OR BIOL125)
YEAR 4: 2026				
<b>SEM 1</b>	<b>BIOMEDICAL SCIENCE ELECTIVE</b>	<b>PUBH302</b> Applied Public Health 1 (Pre PUBH100 OR PUBH102)	<b>PUBH304</b> Public Health Advocacy (Pre PUBH100 OR PUBH102)	<b>PUBLIC HEALTH ELECTIVE</b>
<b>SEM 2</b>	<b>PUBH312</b> Applied Health Promotion (Pre PUBH102) M	<b>PUBH311</b> Contemporary Issues in Public Health (Pre PUBH100 AND PUBH200)	<b>PUBH303</b> Applied Public Health Communication (Pre PUBH100 OR PUBH102) M	<b>PUBH305</b> Applied Public Health 2 (Pre PUBH302) M

HLSC301 also runs in semester 1.

\* Please contact your Public Health Course Coordinator before attempting to enrol in this unit.

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**Course Map  
Melbourne**

**Students who commenced in 2022**

Students who are out of sequence due to part-time enrolment or progression issues should seek a course advice meeting with the relevant Course Coordinator.

YEAR 1: 2022				
<b>SEM 1 2021</b>	<b>BIOL123</b> Cells and Tissues – the Fabric of Life	<b>BIOL125</b> Human Biology 1	<b>PUBH100</b> Foundations of Public Health	<b>BMSC102</b> Numerical Reasoning
<b>SEM 2 2021</b>	<b>BIOL126</b> Human Biology 2 (Pre BIOL125)	<b>BMSC110</b> Communicating Ideas in Science	<b>Core Curriculum 100 level unit:</b> Either UNCC100 or PHCC102 or PHCC104 10cp	<b>PUBH103</b> Epidemiology
YEAR 2: 2023				
<b>SEM 1 2022</b>	<b>BMSC209</b> Pathophysiology (Pre: BIOL126 or BIOL204)	<b>CHEM105</b> Foundations of Chemistry	<b>HLSC120</b> Indigenous Culture and Health	<b>PUBH102</b> Foundations of Health Promotion <b>M</b>
<b>SEM 2 2022</b>	<b>BMSC100</b> Introductory Biostatistics	<b>CHEM106</b> Physical and Organic Chemistry (Pre CHEM105)	<b>PUBH200</b> Globalisation, Environment and Health (Pre PUBH100 OR PUBH102)	<b>PUBH205</b> Public Health Emergency Response (Pre PUBH100 OR PUBH102) <b>M</b>
YEAR 3: 2024				
<b>SEM 1 2023</b>	<b>Core Curriculum 300 level unit:</b> Either UNCC300 or PHCC320 10cp <a href="#">See here for details</a>	<b>PUBH306</b> Public Health Policy and Law (Pre PUBH100 OR PUBH102)	<b>PUBH204</b> Public Health Economics (Pre PUBH100 OR PUBH102) <b>M</b>	<b>CHEM204</b> Biochemistry (Pre: CHEM106 OR CHEM112)
<b>SEM 2 2023</b>	<b>BIOL205</b> Pharmacology 1 (Pre BIOL124 OR BIOL125)	<b>HLSC301</b> Community Engagement (Pre UNCC100)	<b>BMSC208</b> Research Design and Ethics <b>M</b>	<b>BMSC207</b> Microbiology and Immunology (Pre BIOL123 OR BIOL125)
YEAR 4: 2025				
<b>SEM 1 2024</b>	<b>BIOMEDICAL SCIENCE ELECTIVE</b>	<b>PUBH302</b> Applied Public Health 1 (Pre PUBH100 OR PUBH102)	<b>PUBH304</b> Public Health Advocacy (Pre PUBH100 OR PUBH102)	<b>PUBLIC HEALTH ELECTIVE</b>
<b>SEM 2 2024</b>	<b>PUBH312</b> Applied Health Promotion (Pre PUBH102) <b>M</b>	<b>*PUBH311</b> Contemporary Issues in Public Health (Pre PUBH100 AND PUBH200)	<b>PUBH303</b> Applied Public Health Communication (Pre PUBH100 OR PUBH102) <b>M</b>	<b>PUBH305</b> Applied Public Health 2 (Pre PUBH302) <b>M</b>

HLSC301 also runs in semester 1.

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**Course Map  
Melbourne**

**Students who commenced 2021**

Students who are out of sequence due to part-time enrolment or progression issues should seek a course advice meeting with the relevant Course Coordinator.

YEAR 1: 2021				
SEM 1 2021	<b>BMSC102</b> Numerical Reasoning	<b>BIOL128</b> The Human Body	<b>PUBH100</b> Foundations of Public Health	<b>BIOL123</b> Cells and Tissues – the Fabric of Life
SEM 2 2021	<b>BIOL124</b> Human Body in Health and Disease 1 (Pre <i>BIOL123</i> )	<b>BMSC103</b> Research Design and Ethics	<b>Core Curriculum 100 level unit:</b> Either UNCC100 or PHCC102 or PHCC104 10cp	<b>PUBH103</b> Epidemiology
YEAR 2: 2022				
SEM 1 2022	<b>BIOL204</b> Human Body in Health and Disease	<b>CHEM105</b> Foundations of Chemistry	<b>HLSC120</b> Indigenous Culture and Health	<b>PUBH102</b> Foundations of Health Promotion
SEM 2 2022	<b>BMSC100</b> Introductory Biostatistics	<b>CHEM106</b> Physical and Inorganic chemistry	<b>PUBH200</b> Globalisation, Environment and Health (Pre <b>PUBH100</b> AND <b>PUBH102</b> )	<b>PUBH205</b> Public Health Emergency Response (Pre <b>PUBH100</b> OR <b>PUBH102</b> )
YEAR 3: 2023				
SEM 1 2023	<b>PUBH204</b> Public Health Economics (Pre <b>PUBH100</b> OR <b>PUBH102</b> ) <b>M</b>	<b>CHEM204</b> Biochemistry (Pre <b>CHEM106</b> OR <b>CHEM112</b> )	<b>Core Curriculum 300 level unit:</b> Either UNCC300 or PHCC320 <a href="#">See here for details</a>	<b>PUBH306</b> Public Health Policy and Law (Pre <b>PUBH103</b> and either <b>PUBH100</b> OR <b>PUBH102</b> )
SEM 2 2023	<b>BIOL205</b> Pharmacology 1 (Pre <i>BIOL123</i> )	<b>HLSC301</b> Community Engagement (Pre <i>UNCC100</i> )	<b>BMSC110</b> Communicating Ideas in Science	<b>BMSC207</b> Microbiology and Immunology (Pre <i>BIOL123</i> OR <i>BIOL125</i> )
YEAR 4: 2024				
SEM 1 2024	<b>BIOMEDICAL SCIENCE ELECTIVE</b>	<b>PUBH302</b> Applied Public Health 1 (Pre <b>PUBH103</b> and either <b>PUBH100</b> OR <b>PUBH102</b> )	<b>PUBH304</b> Public Health Advocacy (Pre <b>PUBH100</b> OR <b>PUBH102</b> )	<b>PUBLIC HEALTH ELECTIVE</b>
SEM 2 2024	<b>PUBH312</b> Applied Health Promotion (Pre <b>PUBH102</b> ) <b>M</b>	<b>*PUBH311</b> Contemporary Issues in Public Health (Pre <b>PUBH100</b> AND <b>PUBH200</b> )	<b>PUBH303</b> Applied Public Health Communication (Pre <b>PUBH103</b> and either <b>PUBH100</b> OR <b>PUBH102</b> )	<b>PUBH305</b> Applied Public Health 2 (Pre <b>PUBH302</b> )

^HLSC301 also runs in semester 1

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## Bachelor of Biomedical Science/ Bachelor of Applied Public Health

(Information last updated on 15 September 2022)

### Melbourne

### Students who commenced 2020

Students who are out of sequence due to part-time enrolment or progression issues should seek a course advice meeting with the relevant Course Coordinator.

YEAR 4:2023				
<b>SEM 1 2023</b>	<b>BIOMEDICAL SCIENCE ELECTIVE</b>	<b>PUBH302: Applied Public Health 1</b> (Pre PUBH103 and either PUBH100 OR PUBH102)	<b>PUBH304</b> Public Health Advocacy (Pre PUBH100 OR PUBH102)	<b>APPLIED PUBLIC HEALTH ELECTIVE</b>
<b>SEM 2 2023</b>	<b>PUBH312</b> Applied Health Promotion (Pre PUBH102)	<b>*PUBH311</b> Contemporary Issues in Public Health (Pre PUBH100 AND PUBH200)	<b>PUBH303</b> Applied Public Health Communication (Pre PUBH103 and either PUBH100 OR PUBH102)	<b>PUBH305</b> Applied Public Health 2 (Pre PUBH302)

\* Please contact your Public Health Course Coordinator before attempting to enrol in this unit.

### PLEASE NOTE FOR THE MAPS ABOVE

Students who do not follow the sequence recommended in their Course Map cannot be guaranteed a clash free timetable or completion within the normal course duration period. Any student studying outside the above sequence and students who commenced prior to 2019 should consult with their Course Coordinator prior to enrolling.

### STUDY MODES

All units are delivered in On Campus mode, unless otherwise indicated in the map.

#### C - On Campus

Most learning activities or classes are delivered at a scheduled time, on campus, to enable in-person interactions. Activities will appear in a student's timetable.

#### M - Multi-mode

Learning activities are delivered through a planned mix of online and in-person classes, which may include full-day sessions and/or placements, to enable interaction. Activities that require attendance will appear in a student's timetable.

#### OU - Online unscheduled

Learning activities are accessible anytime, anywhere. These units are normally delivered fully online and will not appear in a student's timetable.

#### OS – Online scheduled

All learning activities are held online, at scheduled times, and will require some attendance to enable online interaction. Activities will appear in a student's timetable.

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## PREREQUISITES

- Prerequisites ('Pre:') are added in italics.
- Prerequisites are other units that you must have passed *before* enrolling in the unit.
- You will not be able to enrol in a unit in Student Connect if you do not meet the prerequisite requirements. (This will help stop you from enrolling in units incorrectly). You can find out about unit prerequisite requirements in your Course Enrolment Guide.
- Under some circumstances, you might be eligible for a prerequisite waiver.
- You can find out more about prerequisites and how to apply for a waiver on the [Student Portal](#).

## BIOMEDICAL SCIENCE ELECTIVES

C= On Campus M = Multimode OU = Online Unscheduled OS= Online Scheduled

INC = Incompatible: You may not take the unit listed if you have already passed the INC unit.

CODE	CP	TITLE	Online	Bris	Mel	Nth Sydney	Strathfield	Blacktown	Ballarat	Pre-requisites/Incompatibles
<b>SUMMER TERM</b>										
EXSC225	10	Physiological Bases of Exercise		M	M		M	M		
<b>SEMESTER 1</b>										
ANAT100	10	Anatomical Foundations of Exercise Science		M	M		M	M		
ANAT101	10	Physiotherapy Anatomy 1		C		C			C	
BIOL334	10	Pharmacology 2		OS	OS	OS				Pre: BIOL205 Pharmacology 1
BMSC303	10	Drug development		OS	OS	OS				Pre: BIOL205 Pharmacology 1
BMSC309	10	Advanced Cardiovascular Physiology		OS	OS	OS				Pre: BIOL124 Human Body in Health and Disease 1 OR BIOL125 Human Biology 1
EXSC225	10	Physiological Bases of Exercise		M	M		M	M		
NUTR101	10	Introduction to Nutrition and Practice			M	M				EXSC118 Nutrition and Exercise (I)
NUTR202	10	Lifespan Nutrition			C	C				Pre: NUTR101 Introduction to Nutrition
PHYS109	10	Introductory Physics		OS	OS	OS				
<b>WINTER TERM</b>										
HLSC200	10	Python Programming for Health Sciences	OS							
HLSC308	10	Research Experience in Exercise, Behaviour and Health			M					EXSC122 Research and Ethics in Exercise Science OR EXSC217 Research and Ethics in Exercise Science OR BMSC103 Research Design and Ethics OR PUBH103 Epidemiology OR (PSYC100 Foundations of Psychology AND PSYC101 Applications of Psychology AND PSYC104 Research Design and Statistics I AND Cumulative GPA>5.0)
<b>SEMESTER 2</b>										
ANAT102	10	Physiotherapy Anatomy 2		C		C			C	Pre: ANAT101 Physiotherapy Anatomy 1
BMSC302	10	Industry Immersion 2		C	C	C				
BMSC304	10	Drug Regulation		OS	OS	OS				Pre: BIOL205 Pharmacology 1
BIOL234	10	Nutritional Physiology			C	C		C		Pre: NUTR101 Introduction to Nutrition; AND BIOL204 Human Body in Health and Disease 2 OR BIOL125 Human Biology 1 AND EXSC118 Nutrition and Exercise)
BMSC306	10	Advanced Physiology		OS	OS	OS				Pre: BIOL204 Human Body in Health and Disease 2 OR BIOL126 Human Biology 2
CHEM206	10	Advanced Metabolic Biochemistry			C	C		C		(Pre: CHEM204 Biochemistry or CHEM201 Organic Chemistry and Biochemistry) CHEM104 (I)

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CODE	CP	TITLE	Online	Bris	Mel	Nth Sydney	Strathfield	Blacktown	Ballarat	Pre-requisites/Incompatibles
EXSC322	10	Exercise Physiology: Adaption to exercise and the environment			M		M			Pre: EXSC198 Physiological Bases of Exercise <b>OR</b> EXSC225 Physiological Bases of Exercise
HLSC308	10	Research Experience in Exercise, Behaviour and Health			M					EXSC122 Research and Ethics in Exercise Science OR EXSC217 Research and Ethics in Exercise Science OR BMSC103 Research Design and Ethics OR PUBH103 Epidemiology <b>OR</b> (PSYC100 Foundations of Psychology AND PSYC101 Applications of Psychology AND PSYC104 Research Design and Statistics I AND Cumulative GPA>5.0)

**PUBLIC HEALTH ELECTIVES**

For your elective unit, you may select any unit that interests you, at either level 2 or 3, providing you are able to meet any pre-requisite requirements. Possible units that will complement your Public Health studies include: International Development/Global Health, Geography and Sustainability, Nutrition Science, Exercise Science, Sociology, Project Management, Management and Organisational Behaviour, Information/Digital Health, and Business Administration.