

Bachelor of Biomedical Science

Transition from Diploma in Biomedical Science
(Information last updated on 14 February 2023)

Diploma in Biomedical Science (continuing to the Bachelor of Biomedical Science in 2023)

COMPLETED IN 2022				
SEM 1	BIOD125 (10cp) Human Biology 1	CHED105 (10cp) Foundations of Chemistry	BIOD123 (10cp) Cells and Tissues – the Fabric of Life	DPHS100 (10cp) Academic Literacy in Health Sciences
SEM 2	BIOD126 (10cp) Human Biology 2 (pre: BIOD125)	CHED106 (10cp) Physical and Organic Chemistry (pre: CHED105)	BMSD110 (10cp) Communicating Ideas in Science	BMSD206 (10cp) Introduction to Neuroscience (pre: BIOD125)

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YEAR 1: 2023				
SEM 1	BMSC209 (10cp) Pathophysiology (Pre: BIOL126 or BIOL204)	CHEM204 (10cp) Biochemistry (Pre: CHEM106 OR CHEM112)	BIOL206 (10cp) Human Genetics (Pre: BIOL123 or BIOL125)	BMSC102 (10cp) Numerical Reasoning
Winter Term	Core Curriculum Unit 1 (10cp)			
SEM 2	BMSC207 (10cp) Microbiology and Immunology (pre: BIOL123 or BIOL125)	BIOL205 (10cp) Pharmacology (pre: BIOL124 or BMSC209)	BMSC208 (10cp) Research Design and Ethics M	BMSC100 (10cp) Introductory Biostatistics

YEAR 2: 2024				
SEM 1	Core Curriculum Unit 2 (10cp)	BMSC301 (10cp) Industry Immersion 1 (Pre: BMSC208)	Elective Unit (10cp)	Elective Unit (10cp)
SEM 2	HLSC301 (10cp) Community Engagement (pre: UNCC100 or PHCC102 or PHCC104)	BIOL333 (10cp) Exploring Problems and Ethical Issues in Human Health (Pre: BIOL205, BIOL206, BMSC206, BMSC207 AND BMSC209) M	Elective Unit (10cp)	

PLEASE NOTE FOR THE MAP(S) 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 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.

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](#)

2023 Elective Units

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
SUMMER TERM										
EXSC225	10	Physiological Bases of Exercise		M	M		M	M		
SEMESTER 1										
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				
WINTER TERM										
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)
SEMESTER 2										
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)
EXSC322	10	Exercise Physiology: Adaption to exercise and the environment			M		M			Pre: EXSC198 Physiological Bases of Exercise OR 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 OR (PSYC100 Foundations of Psychology AND PSYC101 Applications of Psychology AND PSYC104 Research Design and Statistics I AND Cumulative GPA>5.0)

Please note:

- You must contact your Course Coordinator if you plan on enrolling in an elective outside of those listed above.
- Students who have transferred into this course from another degree may be eligible to receive credit to some Elective Units. Please contact your Course Coordinator immediately if you have previously completed any units in a different course (at ACU or elsewhere) to discuss your options of receiving credit for these units