# Program structure and sequence plans



CC-60005		Bachelor of Biomedic	al Science			
Version	8	Pre-Health Professional N		CRICOS Code: 063085B Jan Intake		
January	2025 Semester 1	CORE11-011 Critical Thinking and Communication	BMED11-109 Principles of Human Structure and Function	BMED11-114 Chemistry for Living Systems	BMED11-203 Cell Biology	
Мау	2025 Semester 2	CORE11-012 Responsibility, Integrity and Civic Discourse	HPER11-101 Australia's Health Issues and Priorities	BMED11-110 Human Organ Systems 1	BMED11-112 Human Control Systems	
September	2025 Semester 3	BMED12-114 Human Organ Systems 2	BMED12-119 Biological and Physical Chemistry	BMED11-206 Microbiology	HPER12-103 Health Communication	
Subject Catalogue Major Catalogue Program Catalogue						
January	2026 Semester 1	BMED11-205 Medical Biochemistry 1	BMED11-207 Medical and Molecular Genetics	HPER12-101 Health Research Methods	NUTR11-101 Food, Nutrition and Health	
Мау	2026 Semester 2	CORE11-013 Collaboration for Global Change	BMED12-120 Pathophysiology and Pharmacology	BMED12-209 Medical Biochemistry 2	General Elective HSM Choose any HSM elective subject provided requirements are met.	
September	2026 Semester 3	BMED12-118 Laboratory Medicine	BMED13-125 Exploring Human Disease	BMED13-216 Immunology	General Elective HSM Choose any HSM elective subject provided requirements are met.	
		Subject Catalogue	Major Catalogue	Program Catalogue		
CC-60005		Bachelor of Biomedic	al Science			
Version	7	Pre-Health Professional Major		CRICOS Code: 063085B	May Intake	
Мау	2025 Semester 1	CORE11-011 Critical Thinking and Communication	BMED11-114 Chemistry for Living Systems	BMED11-109 Principles of Human Structure and Function	BMED11-203 Cell Biology	
September	2025 Semester 2	BMED12-114 Human Organ Systems 2	BMED12-119 Biological and Physical Chemistry	BMED11-206 Microbiology	HPER11-101 Australia's Health Issues and Priorities	
January	2026 Semester 3	BMED11-112 Human Control Systems	BMED11-205 Medical Biochemistry 1	BMED11-207 Medical and Molecular Genetics	BMED11-110 Human Organ Systems 1	
		Subject Catalogue	Major Catalogue	Program Catalogue		
May	2026 Semester 1	CORE11-012 Responsibility, Integrity and Civic Discourse	BMED12-120 Pathophysiology and Pharmacology	BMED12-209 Medical Biochemistry 2	General Elective HSM Choose any HSM elective subject provided requirements are met.	
				HRER12 102	General Elective HSM	
September	2026 Semester 2	BMED12-118 Laboratory Medicine	BMED13-216 Immunology	HPER12-103 Health Communication	Choose any HSM elective subject provided requirements are met.	
September January					Choose any HSM elective subject	

#### **GENERAL INFORMATION**

You are registered into Beyond Bond which is a practical, activity-based program that extends across the duration of all undergraduate degrees.

### **PROGRAM INFORMATION**

The Bachelor of Biomedical Science is a 2-year accelerated degree that provides you with the ideal undergraduate foundation for a career in the health sciences. The program develops your knowledge of the molecular, cellular, anatomical, and physiological processes of the human body and prepares you for graduate-entry programs such as medicine and the allied health professions. The program will develop your knowledge and laboratory skills across a range of disciplines, including anatomy, physiology, and pathophysiology, pharmacology, chemistry, biochemistry, cell biology, genetics, and microbiology. Extensive laboratory training from the first semester, as well as case studies and problem-solving techniques, are applied within a variety of clinical, research, and allied healthcare settings. The program focuses on real-world learning, where you will gain exceptional, high-quality, practical experience in our health science laboratories. You will be able to develop and master technical-scientific and research skills using some of the latest research equipment from the very first semester. Due to Bond University's small class sizes, you will be able to enjoy extensive use of this equipment to develop and refine your practical skills. The laboratories have dedicated laboratory staff to provide support and optimise your learning experience. An innovative feature of the program is the application of problem-based learning in the curriculum, a popular feature in medical programs that creates an engaging student learning experience to increase analytical reasoning and critical thinking skills.

## SUBJECT INFORMATION

### ASSUMED KNOWLEDGE

Assumed knowledge is the minimum level of knowledge of a subject area that students are assumed to have acquired through previous study. It is the responsibility of students to ensure they meet the assumed knowledge are strongly recommended against enrolling and do so at their own risk. No concessions will be made for students' lack of prior knowledge. Please check for all requirements on your subject outline prior to enrolement.



CC-60005		Bachelor of Biomedical Science								
Version	7	Pre-Health Professional Major								
Total Subjects	24	Total Credit Points	Bachelors Degree	Cricos Code	063085B					
Structure		16 Required Subjects	8 Biomedical Science Major							
Available	Code	Title		Assumed Knowledge	Requisite					
You must comp	/ou must complete the following required subjects:									
J/M/S	CORE11-011	Critical Thinking and Communicatio	n							
J/M/S	CORE11-012	Responsibility, Integrity and Civic Di	scourse							
J/M/S	CORE11-013	Collaboration for Global Change								
J/M/S	BMED11-109	Principles of Human Structure and Function								
J/M	BMED11-110	Human Organ Systems 1	BMED11-109							
J/M	BMED11-114	Chemistry for Living Systems								
J/M	BMED11-203	Cell Biology								
J.	BMED11-205	Medical Biochemistry 1			BMED11-114					
S	BMED11-206	Microbiology		BMED11-203						
J.	BMED11-207	Medical and Molecular Genetics		BMED11-203						
J/S	BMED12-114	Human Organ Systems 2		BMED11-109						
S	BMED12-119	Biological and Physical Chemistry		BMED11-114						
м	BMED12-120	Pathophysiology and Pharmacology		BMED11-110, BMED12-114						
м	BMED12-209	Medical Biochemistry 2			BMED11-205					
M/S	HPER11-101	Australia's Health Issues and Prioriti	es							
J	HPER12-101	Health Research Methods			Anti_STAT11-112					
Major Subjects	(6)									
J/M	BMED11-112	Human Control Systems		BMED11-109						
S	BMED12-118	Laboratory Medicine		BMED13-216, BMED12-120						
J/S	BMED13-125	Exploring Human Disease		BMED12-120						
S	BMED13-216	Immunology		BMED11-203, BMED11-206						
S	HPER12-103	Health Communication								
J/S	NUTR11-101	Food, Nutrition and Health								
Choose 2 electives from the list below										
1	BMED13-123	Advanced Bioscience Lab		BMED11-203						
М	BMED13-214	Molecular Diagnostics		BMED11-207						
М	HPER11-103	Health Systems								
S	HPER13-101	Drivers for Healthcare Change								
S	NUTR12-101	Sport and Exercise Nutrition		BMED11-110, BMED11-205						
м	NUTR13-101	Human Nutrition								
M/S	PSYC11-100	Foundations of Psychology: Biology								
J/M	PSYC11-101	Foundations of Psychology: Develop	oment, Learning and Social							
S	SPEX11-304	Biomechanics of Exercise and Sport								
S	SPEX12-312	Physiology and Biochemistry of Exe		BMED11-109, BMED11-110	BMED11-205 or SPEX11-103					
S	SPEX13-337	Exercise and Sport for Lifelong Heal	th							
S	BMED12-123	Global Health Issues								