# Program structure and sequence plans



CC-60005		Bachelor of Biomedical Science					
Version	7	Lab Research Major	CRICOS Code: 063085B		Jan Intake		
	2024	CORE11-011	BMED11-109	BMED11-114	BMED11-203		
January	Semester 1	Critical Thinking and Communication	Principles of Human Structure and Function	Chemistry for Living Systems	Cell Biology		
	2024	CORE11-012	HPER11-101	BMED11-110	BMED11-112		
May	Semester 2	Responsibility, Integrity and Civic Discourse	Australia's Health Issues and Priorities	Human Organ Systems 1	Human Control Systems		
	2024	CORE11-013	BMED12-114	BMED12-119	BMED11-206		
September	Semester 3	Collaboration for Global Change	Human Organ Systems 2	Biological and Physical Chemistry	Microbiology		
		Subject Catalogue	Major Catalogue	Program Catalogue			
	2025	BMED11-205	BMED11-207	BMED13-123	HPER12-101		
January	Semester 1	Medical Biochemistry 1	Medical and Molecular Genetics	Advanced Bioscience Lab	Health Research Methods		
	2025	BMED12-120	BMED12-209	BMED13-214	BMED13-126		
May	Semester 2	Pathophysiology and Pharmacology	Medical Biochemistry 2	Molecular Diagnostics	Research Project A		
	2025	BMED12-118	BMED13-216	BMED13-127	BMED13-125		
September	Semester 3	Laboratory Medicine	Immunology	Research Project B	Exploring Human Disease		
		Subject Catalogue	Major Catalogue	Program Catalogue	•		
CC-60005	Bachelor of Biomedical Science						
Version	7	Lab Research Major	CRICOS Code: 063085B		May Intake		
	2024	CORE11-011	BMED11-109	BMED11-114	BMED11-203		
May	Semester 1	Critical Thinking and Communication	Principles of Human Structure and Function	Chemistry for Living Systems	Cell Biology		
	2024	CORE11-012	BMED12-114	BMED12-119	HPER11-101		
September	Semester 2	Responsibility, Integrity and Civic Discourse	Human Organ Systems 2	Biological and Physical Chemistry	Australia's Health Issues and Priorities		
	2025	BMED11-205	BMED11-207	BMED11-110	BMED13-123		
January	Semester 3	Medical Biochemistry 1	Medical and Molecular Genetics	Human Organ Systems 1	Advanced Bioscience Lab		
		Subject Catalogue	Major Catalogue	Program Catalogue			
	2025	BMED12-120	BMED12-209	BMED13-214	BMED11-112		
May	Semester 1	Pathophysiology and Pharmacology	Medical Biochemistry 2	Molecular Diagnostics	Human Control Systems		
	2025	BMED13-126	BMED12-118	BMED13-216	BMED11-206		
September	Semester 2	Research Project A	Laboratory Medicine	Immunology	Microbiology		
	2026	CORE11-013	BMED13-127	HPER12-101	BMED13-125		
January	Semester 3	Collaboration for Global Change	Research Project B	Health Research Methods	Exploring Human Disease		
		Subject Catalogue	Major Catalogue	Program Catalogue			

### **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 expectations of a specified subject. Students who do not possess this prior 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.



# Program structure and sequence plans

CC-60005		Bachelor of Biomedical Science						
Version	7	Lab Research 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 complete the following required subjects:								
J/M/S	CORE11-011	Critical Thinking and Commun	ication					
J/M/S	CORE11-012	Responsibility, Integrity and C	ivic Discourse					
J/M/S	CORE11-013	Collaboration for Global Chan	ge					
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 Genet	ics	BMED11-203				
J/S	BMED12-114	Human Organ Systems 2		BMED11-109				
S	BMED12-119	Biological and Physical Chemis	stry	BMED11-114				
м	BMED12-120	Pathophysiology and Pharmac	cology	BMED11-110, BMED12-114				
м	BMED12-209	Medical Biochemistry 2			BMED11-205			
M/S	HPER11-101	Australia's Health Issues and P	riorities					
J	HPER12-101	Health Research Methods			Anti_STAT11-112			
Major Subjects	(8)							
J/M	BMED11-112	Human Control Systems		BMED11-109				
J	BMED13-123	Advanced Bioscience Lab		BMED11-203				
м	BMED13-214	Molecular Diagnostics		BMED11-207				
M/S	BMED13-126	Research Project A		HPER12-101, BMED13-123, BMED12-120				
S	BMED12-118	Laboratory Medicine		BMED13-216, BMED12-120				
S	BMED13-216	Immunology		BMED11-203, BMED11-206				
J/M/S	BMED13-127	Research Project B		BMED13-123, BMED12-120, BMED13-126, HPER12-101				
J/S	BMED13-125	Exploring Human Disease		BMED12-120				