



Bachelor of Biotechnology (Domestic students)

Program code

1631

Commencing in

Trimester 1

Available at

Gold Coast Campus

Duration

3 years full-time

Credit points

240

Indicative fee

[Find out more](#)

Degree requirements: Students who started Trimester 1 - 2025

For Domestic and those International students not required to complete the English Language Enhancement course

For the award of *Bachelor of Biotechnology (BBiotech)*, you must successfully complete 240 credit points, made up of core courses AND

- 40 credit points of elective courses.

Other program requirements

You must successfully complete:

- no more than 100 credit points of Level 1 courses (the first digit of a course code denotes the level);
- at least 60 credit points of Level 3 courses or higher.

This degree may be awarded **with Distinction** where a student achieves a minimum program GPA of 6.5 with no failed courses. The words "This award was achieved with Distinction" will be recorded on the testamur.

Australian Qualifications Framework (AQF) Level and Type

The **Australian Qualifications Framework (AQF)** is the national policy for regulated qualifications in Australian education and training. This qualification is accredited as an AQF Level 7 - Bachelor Degree.

English Language Enhancement

Domestic students enrolled in this program whose first language is not English may complete the following **English Language Enhancement Course** as an elective.

- [5903LHS Language and Communication for Sciences](#)

Students whose first language is English are not permitted to undertake this course.

Course list: Students starting Trimester 1 - 2025

Course offering information in program structures is a guide only. Please check the actual offering information in the Course Catalogue.

Students must check the prerequisite and incompatible requirements before selecting any course within this program.

Year 1

You must complete the following core courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	1023SCG	Core to Program	Chemistry I	10
Tri 1	1041SCG	Core to Program	Biological Systems	10
Tri 1	1015SCG	Core to Program	Quantitative Reasoning	10
Tri 1	5903LHS	English Enhancement	Language and Communication for Sciences	10
			OR	
Tri 1		Listed Elective	Listed elective	10
Tri 1,3	1201SCG	Core to Program	Linear Algebra	10
Tri 2	1042SCG	Core to Program	Genetics and Evolutionary Biology	10
Tri 2	1024SCG	Core to Program	Chemistry II	10
Tri 2	1014SCG	Core to Program	Statistics	10

Year 2

Trimester	Course code	Requirement	Course title	CP
Tri 1	2003PHM	Core to Program	Drug Discovery and Development	10
Tri 1	2014MSC	Core to Program	Organic Chemistry	10
Tri 1	2008MSC	Core to Program	Structural Biochemistry	10
Tri 1	2005ESC	Core to Program	Introduction to Medicinal Chemistry	10
Tri 2	2202ENV	Core to Program	Physical and Analytical Chemistry	10
Tri 2			Listed elective	10
Tri 2	2102NSC	Core to Program	Spectroscopic and Molecular Analysis	10
Tri 2	2018NSC	Core to Program	Biosciences Laboratory Skills	10

Year 3

Trimester	Course code	Requirement	Course title	CP
Tri 1	3225ENV	Core to Program	NMR in Biological Systems	10
Tri 1	3105NSC	Core to Program	Advanced Organic Chemistry	10
Tri 1	3006ESC	Core to Program	Advanced Medicinal Chemistry	10
Tri 1			Listed elective	10
Tri 2	3005ESC	Core to Program	Rational Drug Design	10
Tri 2	3202ENV	Core to Program	Advanced Analytical Chemistry	10
Tri 2	2021PHM	Core to Program	Principles of Toxicology	10
Tri 2			Listed elective	10

Electives (1 available)**Listed electives**

Trimester	Course code	Requirement	Course title	CP
Tri 1,2	1016MSC	Listed Elective	Anatomy and Physiology Systems I	10
Tri 2,3	1017MSC	Listed Elective	Anatomy and Physiology Systems II	10
Tri 1,2,3	2018PHM	Listed Elective	Pharmacology	10
Tri 1	2012AHS	Listed Elective	Integrated Systems Physiology	10
Tri 2	2003MSC	Listed Elective	Fundamentals of Microbiology	10
Tri 2	2011MSC	Listed Elective	Metabolism	10
Tri 2	2012NSC	Listed Elective	Molecular Biology	10
Tri 1	3016MSC	Listed Elective	Macromolecular and Cellular Biochemistry	10
Tri 1,2,3	3911ESC	Listed Elective	Work Integrated Learning Special Topic	10
Tri 3	6002PHM	Listed Elective	Pharmaceutical Analysis	10