



## 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
			<b>OR</b>	
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