



## Bachelor of Biomedical Science (Domestic students)

### Program code

1031

### Available at

Nathan Campus

### Duration

3 years full-time

6 years part-time

### Credit points

240

### Indicative fee

\$8,000.00\* per year ([more](#))

\* 2022 indicative annual CSP fee

### Entry requirements

74.00

ATAR/RANK 2022

[\(more\)](#)

### Commencing in

Trimester 1 and Trimester 2

### Prerequisites

Any General or Applied English subject (Units 3&amp;4, C)

### Assumed knowledge

Mathematical Methods (Units 3&amp;4, C)

One of Biology, Chemistry or Physics (Units 3&amp;4, C)



### Degree requirements: Students who started Trimester 2 - 2022

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

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

- 60 credit points of Listed electives;
- 20 credit points of Free-choice electives.

### 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 (ELE) course** as an elective.

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

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

### Program learning outcomes

#### Program learning outcomes

[Program Learning Outcomes](#) communicate to the community the value of the Griffith educational experience as benchmarked against national qualification standards.

Program Learning Outcomes for this award describe the knowledge, skills and the application of knowledge and skills you will acquire through studying the Griffith program of your choice.

### Course list: Students starting Trimester 2 - 2022

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

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

#### Year 1

Students who wish to complete the degree in 6 trimesters (3 years) are recommended to follow the sequence of courses as listed below:

Trimester	Course code	Requirement	Course title	CP
Tri 2	1014NSC	Core to Program	Fundamentals of Biochemistry	10
Tri 2	1022SCG	Core to Program	Chemistry 1B	10
Tri 2	1042SCG	Core to Program	Genetics and Evolutionary Biology	10
Tri 2,3	1014SCG	Core to Program	Statistics	10
Tri 1,2 or 3	5903LHS	English Enhancement	Language and Communication for Sciences	10
			<b>OR</b>	
Tri 1,2 or 3		Free-choice Elective	Free-choice elective	10
Tri 1	1001NSC	Core to Program	Human Biology: from Cells to Systems	10
Tri 1,3	1041SCG	Core to Program	Biological Systems	10
Tri 1	1021SCG	Core to Program	Chemistry 1A	10

#### Year 2

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2013NSC	Core to Program	Biotechniques Laboratory	10
Tri 2	2002NSC	Core to Program	Human Physiology	10
Tri 2	2012NSC	Core to Program	Molecular Biology	10
Tri 2			Listed elective	10
Tri 1	2008NSC	Core to Program	General Microbiology	10
Tri 1	2003NSC	Core to Program	Metabolism	10
Tri 1	2007NSC	Core to Program	Human Anatomy	10
Tri 1,2 or 3			Free-choice elective	10

#### Year 3

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 2	3002NSC	Core to Program	Biomedical Sciences Capstone	10
			<b>OR</b>	
Tri 1,2 or 3	3911ESC	Core to Program	Work Integrated Learning Special Topic	10
Tri 2			Listed electives	30
Tri 1			Listed electives	20
Tri 1	3003NSC	Core to Program	Neuroscience	10
Tri 1	3009NSC	Core to Program	Biomedical Sciences Laboratory	10

Electives (2 available)

## Listed Electives

### Recommended listed elective courses with a focus on Human Anatomy and Physiology

Trimester	Course code	Requirement	Course title	CP
Tri 2	3014NSC	Listed Elective	Advanced Physiology	10

### Recommended listed elective courses with a focus on Cellular and Molecular Biology

Trimester	Course code	Requirement	Course title	CP
Tri 1	3030NSC	Listed Elective	Applied Bioinformatics	10
Tri 1,2	3001NSC	Listed Elective	Molecular Cell Biology	10

### Recommended listed elective courses with a focus on Microbiology and Immunology

Trimester	Course code	Requirement	Course title	CP
Tri 1	3007NSC	Listed Elective	Immunology	10
Tri 2	3012NSC	Listed Elective	Infectious Disease	10
Tri 2	2010NSC	Listed Elective	Applied Microbiology	10
Tri 2	3018NSC	Listed Elective	Microbiology Laboratory	10
Tri 2	3020NSC	Listed Elective	Techniques in Molecular Microbiology	10

### Additional listed electives

Trimester	Course code	Requirement	Course title	CP
Tri 2	3002MSC	Listed Elective	Pharmacology	10
Tri 1	3030NSC	Listed Elective	Applied Bioinformatics	10
Tri 2,3	1205MED	Listed Elective	Health Challenges for the 21st Century	10
Tri 1,2	3121MED	Listed Elective	First Peoples Health and Practice	10
Tri 1,2 or 3	3922ESC	Listed Elective	Research Special Topic	10

## Free-choice electives

If you require guidance please liaise with your Program Director.

### Nutrition and Dietetics recommended Free-choice electives:

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	2210AHS	Free-choice Elective	Nutrition	10
Tri 1,3	2220MED	Free-choice Elective	Epidemiology	10
Tri 1,3	2805NRS	Free-choice Elective	Legal and Ethical Principles in Healthcare	10
Tri 1,3	3003MSC	Free-choice Elective	Research Project (Trimester 3: Online)	10

### Pharmacy recommended Free-choice electives:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2103NSC	Free-choice Elective	Organic Chemistry (NA)	10
			<b>courseLineOperator</b>	
Tri 1	2014MSC	Free-choice Elective	Organic Chemistry (Gold Coast)	10
Tri 1,3	3003MSC	Free-choice Elective	Research Project (Trimester 3: Online)	10
Tri 1,2	6001HLS	Free-choice Elective	Dissertation Preparation	10

### Public Health recommended Free-choice electives:

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	2220MED	Free-choice Elective	Epidemiology	10
Tri 1	2209MED	Free-choice Elective	Priorities and Interventions in Public Health	10
Tri 2	2214MED	Free-choice Elective	Public Health Research Methods	10
Tri 2	2218MED	Free-choice Elective	Needs Assessment, Program Planning and Evaluation	10
Tri 1,3	3110MED	Free-choice Elective	Climate Change and Public Health	10

**Rehabilitation Counselling recommended Free-choice electives:**

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	1001PSY	Free-choice Elective	Introduction to Psychology 1	10
Tri 2,3	1002PSY	Free-choice Elective	Introduction to Psychology 2	10

**Speech Pathology recommended Free-choice electives:**

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	1001PSY	Free-choice Elective	Introduction to Psychology 1	10
Tri 2,3	1002PSY	Free-choice Elective	Introduction to Psychology 2	10
Tri 1	3203LHS	Free-choice Elective	Discourse, Text and Power	10
Tri 1,2	6001HLS	Free-choice Elective	Dissertation Preparation	10

**Additional Free-choice electives:**

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	1015SCG	Free-choice Elective	Quantitative Reasoning	10
Tri 1,3	1008HSV	Free-choice Elective	Interpersonal Skills	10
Tri 1,3	1008CCJ	Free-choice Elective	Social Problems - (In)Equality and (In)Justice (Tri 3: Online)	10
Tri 1	1000ESC	Free-choice Elective	Introduction to Forensic Science	10
Tri 1,2	1031SCG	Free-choice Elective	Physics 1A	10
Tri 2,3	1202SCG	Free-choice Elective	Calculus I	10
Tri 1,3	1007GBS	Free-choice Elective	The Future of Work	10
Tri 1,3	1011PSY	Free-choice Elective	Psychology in Professional Contexts	10
Tri 1	1003LHS	Free-choice Elective	Communication: A Linguistic Approach	10
Tri 2	1044LHS	Free-choice Elective	The Design of Language	10
Tri 1,2,3	2043IBA	Free-choice Elective	Innovation, Creativity and Entrepreneurship	10
Tri 1	2005NSC	Free-choice Elective	Protein Science	10
Tri 1	2101NSC	Free-choice Elective	Inorganic Chemistry	10
Tri 2	2102NSC	Free-choice Elective	Spectroscopic and Molecular Analysis	10
Tri 1	2107ENV	Free-choice Elective	Introduction to Geographic Information Systems	10
Tri 1	2291ENV	Free-choice Elective	Applied Data Science	10
Tri 1,2,3	3002LFC	Free-choice Elective	Community Internship and Partnerships for SDGs	10
Tri 3	3024HSV	Free-choice Elective	Contemporary Issues in Ageing	10
Tri 1	3936NRS	Free-choice Elective	Child and Youth Mental Health	10
Tri 2,3	3142LHS	Free-choice Elective	(Re)Imagining Aging and Dying 1	10
Tri 2,3	3144LHS	Free-choice Elective	The Biography Project: Biography and Life Stories at End of Life	10
Tri 1	5338LAW	Free-choice Elective	Law and Synthetic Biology	10