



## Bachelor of Biomedical Science (International students)

|                                                |                                           |                                                           |
|------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|
| <b>Program code</b>                            | <b>Entry requirements</b>                 | <b>Prerequisites</b>                                      |
| 1031                                           | 6.5                                       | NIL                                                       |
| <b>Available at</b>                            | IELTS (Academic) ( <a href="#">more</a> ) | <b>Assumed knowledge</b>                                  |
| Nathan Campus                                  | <b>CRICOS code</b>                        | Any General or Applied English subject (Units 3 and 4, C) |
| <b>Duration</b>                                | 002535G                                   | Mathematical Methods (Units 3 and 4, C)                   |
| 3 years full-time                              | <b>Commencing in</b>                      | One of Biology, Chemistry or Physics (Units 3 and 4, C)   |
| <b>Credit points</b>                           | Trimester 1 and Trimester 2               | <a href="#">Apply Now</a>                                 |
| 240                                            |                                           |                                                           |
| <b>Indicative fee</b>                          |                                           |                                                           |
| \$39,000.00* per year ( <a href="#">more</a> ) |                                           |                                                           |
| * 2024 indicative annual fee                   |                                           |                                                           |

### 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.

#### For International students 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

- 10 credit points for the English Language Enhancement course (5903LHS);
- 60 credit points of Listed electives;
- 10 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

All undergraduate International students are required to complete an **English Language Enhancement Course** unless specific criteria are met as specified in Section 5.0 [Qualifications Procedure](#).

The following course must be completed in the first trimester of study:

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

Advice regarding the requirement to complete the English Language Enhancement Course is available via the *myGriffith* portal

(in the To Do List).

**Students whose first language is English are not permitted to undertake this 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 1,3      | 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 Anatomy and Physiology 2 | 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 and Physiology 1 | 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 1,3   | 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 |