



# Bachelor of Biomedical Science 2017

## Lab Research Major

| Program Code | Total Subjects | Intakes  | Duration          | Program Structure          |
|--------------|----------------|----------|-------------------|----------------------------|
| CC-60005     | 24             | Jan, May | 2 years full-time | 3 Core University Subjects |

| Core University Subjects (3)  |                                   |
|---|-----------------------------------|
| One core subject must be taken per semester for the first three semesters |                                   |
| CORE11-001  | Critical Thinking & Communication |
| CORE11-002  | Leadership and Team Dynamics      |
| CORE11-003  | Ethical Thought and Action        |
| Beyond Bond: Professional Development & Community Engagement*             |                                   |

| Foundation Subjects (13) |   |         |
|--------------------------|---|---------|
| BMED11-109               | Principles of Human Structure & Function                                    | Jan/May |
| BMED11-114               | Chemistry for Living Systems  | Jan/May |
| BMED11-203               | Cell Biology  | Jan/May |
| HPER11-101               | Australia's Health Issues & Priorities                                      | May/Sep |
| BMED11-110               | Human Organ Systems 1 (pre req BMED11-109)                                  | Jan/May |
| BMED11-205               | Medical Biochemistry 1 (pre req BMED11-114)                                 | Jan     |
| BMED11-207               | Medical & Molecular Genetics (pre req BMED11-203)                           | Jan     |
| HPER12-101               | Health Research Methods   | Jan     |
| BMED12-120               | Pathophysiology & Pharmacology (pre req BMED11-110, BMED12-114)             | May     |
| BMED12-209               | Medical Biochemistry 2 (pre req BMED11-205)                                 | May     |
| BMED12-114               | Human Organ Systems 2 (pre req BMED11-109)                                  | Sep     |
| BMED12-119               | Biological & Physical Chemistry (pre req BMED11-114)                        | Sep     |
| BMED11-206               | Microbiology (pre req BMED11-203)   | Sep     |
| Major Subjects (8)       |   |         |
| BMED11-112               | Human Control Systems (pre req BMED11-109)                                  | May     |
| BMED13-123               | Advanced Bioscience Lab (pre req BMED12-119, BMED11-203)                    | Jan     |
| BMED13-214               | Molecular Diagnostics (pre req BMED11-207)                                  | May     |
| BMED13-126               | Research Project A (co req BMED12-120) (pre req BMED13-123, HPER12-101)     | May     |
| BMED12-118               | Laboratory Medicine (co req BMED13-216) (pre-req BMED12-120)                | Sep     |
| BMED13-216               | Immunology (pre req BMED11-203, BMED11-206)                                 | Sep     |
| BMED13-127               | Research Project B (pre req BMED12-120, BMED13-123, HPER12-101, BMED13-126) | Sep     |
| BMED13-125               | Exploring Human Disease (pre req BMED12-120)                                | Sep     |

\*Students will complete Beyond Bond during their degree. This subject is worth 0 Credit Points

\*\*Any change to this recommended study plan will not ensure completion within 6 semesters

# Bachelor of Biomedical Science - Lab/Research Major 2017

Date Last Modified  
4 August 2016

## Program Sequencing

| Commencing January    |   | Commencing May        |   |
|-----------------------|---|-----------------------|---|
| Semester 1 (Jan 2017) |   | Semester 1 (May 2017) |   |
| CORE11-001            | Critical Thinking & Communication   | CORE11-001            | Critical Thinking & Communication   |
| BMED11-109            | Principles of Human Structure & Function                                    | BMED11-109            | Principles of Human Structure & Function                                    |
| BMED11-114            | Chemistry for Living Systems  | BMED11-114            | Chemistry for Living Systems  |
| BMED11-203            | Cell Biology  | BMED11-203            | Cell Biology  |
| Semester 2 (May 2017) |   | Semester 2 (Sep 2017) |   |
| CORE11-002            | Leadership & Team Dynamics  | CORE11-002            | Leadership & Team Dynamics  |
| HPER11-101            | Australia's Health Issues & Priorities                                      | BMED12-114            | Human Organ Systems 2 (pre req BMED11-109)                                  |
| BMED11-110            | Human Organ Systems 1 (pre req BMED11-109)                                  | BMED12-119            | Biological & Physical Chemistry (pre req BMED11-114)                        |
| BMED11-112            | Human Control Systems (pre req BMED11-109)                                  | HPER11-101            | Australia's Health Issues & Priorities                                      |
| Semester 3 (Sep 2017) |   | Semester 3 (Jan 2018) |   |
| CORE11-003            | Ethical Thought & Action  | BMED11-205            | Medical Biochemistry 1 (pre req BMED11-114)                                 |
| BMED12-114            | Human Organ Systems 2 (pre req BMED11-109)                                  | BMED11-207            | Medical & Molecular Genetics (pre req BMED11-203)                           |
| BMED12-119            | Biological & Physical Chemistry (pre req BMED11-114)                        | BMED11-110            | Human Organ Systems 1 (pre req BMED11-109)                                  |
| BMED11-206            | Microbiology (pre req BMED11-203)   | BMED13-123            | Advanced Bioscience Lab (pre req BMED12-119, BMED11-203)                    |
| Semester 4 (Jan 2018) |   | Semester 4 (May 2018) |   |
| BMED11-205            | Medical Biochemistry 1 (pre req BMED11-114)                                 | BMED12-120            | Pathophysiology & Pharmacology (pre req BMED11-110, BMED12-114)             |
| BMED11-207            | Medical & Molecular Genetics (pre req BMED11-203)                           | BMED12-209            | Medical Biochemistry 2 (pre req BMED11-205)                                 |
| BMED13-123            | Advanced Bioscience Lab (pre req BMED12-119, BMED11-203)                    | BMED13-214            | Molecular Diagnostics (pre req BMED11-207)                                  |
| HPER12-101            | Health Research Methods   | BMED13-126            | Research Project A (co req BMED12-120) (pre req BMED13-123, HPER12-101)     |
| Semester 5 (May 2018) |   | Semester 5 (Sep 2018) |   |
| BMED12-120            | Pathophysiology & Pharmacology (pre req BMED11-110, BMED12-114)             | BMED12-118            | Laboratory Medicine (co req BMED13-216) (pre-req BMED12-120)                |
| BMED12-209            | Medical Biochemistry 2 (pre req BMED11-205)                                 | BMED13-216            | Immunology (co req BMED11-206) (pre req BMED11-203)                         |
| BMED13-214            | Molecular Diagnostics (pre req BMED11-207)                                  | BMED11-206            | Microbiology (pre req BMED11-203)   |
| BMED13-126            | Research Project A (co req BMED12-120) (pre req BMED13-123, HPER12-101)     | BMED13-127            | Research Project B (pre req BMED12-120, BMED13-123, HPER12-101, BMED13-126) |
| Semester 6 (Sep 2018) |   | Semester 6 (Jan 2019) |   |
| BMED12-118            | Laboratory Medicine (co req BMED13-216) (pre-req BMED12-120)                | HPER12-101            | Health Research Methods   |
| BMED13-216            | Immunology (pre req BMED11-203, BMED11-206)                                 | BMED11-112            | Human Control Systems (pre req BMED11-109)                                  |
| BMED13-127            | Research Project B (pre req BMED12-120, BMED13-123, HPER12-101, BMED13-126) | CORE11-003            | Ethical Thought & Action  |
| BMED13-125            | Exploring Human Disease (pre req BMED12-120)                                | BMED13-125            | Exploring Human Disease (pre req BMED12-120)                                |