BACHELOR OF SCIENCE  
PROFESSIONAL - Biotechnology Major - BA-SC2PROF

**Recommended Sequence**

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

### Y1

**Your First SEMESTER**
- Select a unit from Option A
- Select a unit from Option B
- Select a unit from Option C

**Your Second SEMESTER**
- ICT10007 Introduction to E-Science
- BIO10003 Concepts of Biotechnology
- MTH10101 Essential Mathematics

#### Option A
- Choose 1 of:
  - CHEM101 Chemistry I ( Completed USG Chemistry or equivalent select this unit)
  - CHW1001 Introduction to Chemistry (Non USG Chemistry)

#### Option B
- Choose 1 of:
  - PHYS1001 Energy and Motion (Completed USG Physics or equivalent)
  - PHYS1002 Introduction to Physics (Non USG Physics)

#### Option C
- Choose 1 of:
  - Webskills 08001 Professional Development
  - STA10001 Foundations of Statistics (Comp VCE Math Methods select this unit)

### Y2

#### Component units

- BCH20002 Introduction to Biochemistry
- BIO20002 Microbial World
- BIO20004 Communication for Scientists
- BCH20001 Biochemistry of Genes and Proteins
- BIO30005 Microbes in the Environment

### Y3

#### Component units

- NPS20003 Integrated Professional Placement A
- NPS20004 Integrated Professional Placement B
- WEI20001 Work Experience in Industry A
- WEI20002 Work Experience in Industry B

### Y4

#### Component units

- BCH30003 Advanced Biochemistry
- BIO30004 Molecular Biotechnology
- PHY30002 Research and Development Project 3
- NPS30002 Research Skills in Science

### Core Units

- 100 Credit points
  - First Major units 100 Credit points
  - Component Units 75 credit points

### What is a component unit?

A unit that forms part of a second major/co-major/minor or elective, that you select.

**How can I find which component units I can enrol in?**

Visit Bachelor of Science, Professional Course Information for major/co-major/minor and elective options.

**What's a full-time study load?**

100 credit points (8 units per year).

**What's a part-time study load?**

50 credit points (4 units per year).

**What's Fast Track?**

To complete your course in 3.5 years, you will need to complete 2 units over a Summer/Winter/Online teaching period or during your placement year. If a core.first major unit is listed under fast track, this unit(s) may need to be completed during your placement year.

**How can I plan my timetable to make sure my lectures don't clash?**

Check the University Timetable Planner before enrolling into units.

**Where can I find what online units are available?**

Check the Swinburne Online Units for online offerings.