### 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
- **SEMESTER**
  - **Y1**
    - **Select a unit from Option A**
      - CHE10001 Chemistry I (Complete unacceptable for units in the Ba-SC2PROF course) 12.5
    - **Select a unit from Option B**
      - PHYS1001 Energy and Motion (Completed unacceptable for units in the BA-SC2PROF course) 12.5
    - **Select a unit from Option C**
      - MTH10010 Foundational Mathematics 12.5
- **Component unit**
  - BIO10001 Concepts in Biology 12.5

**Option A Choose 1 of**
- CHE10001 Chemistry I (Completed unacceptable for units in the BA-SC2PROF course) 12.5
- CHE10004 Introduction to Chemistry (Non IGC Chemistry) 12.5

**Option B Choose 1 of**
- PHYS1001 Energy and Motion (Completed unacceptable for units in the BA-SC2PROF course) 12.5
- PHYS1002 Introduction to Physics (Non IGC Physics) 12.5

**Option C Choose 1 of**
- MTH10010 Foundational Mathematics 12.5

STA10003 Foundations of Statistics (Complete VCE Math Methods select this unit) 12.5

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#### Y2
- **SEMESTER**
  - **Y2**
    - **Component unit**
      - BCH20002 Introduction to Biochemistry 12.5
      - BIO20002 The Microbial World 12.5
      - Component unit 12.5
- **Component unit**
  - BIO30005 Microbes in the Environment 12.5
  - BIO10003 Introduction to Biotechnology 12.5
  - MTH10010 Essential Mathematics 12.5

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#### Y3
- **SEMESTER**
  - **Y3**
    - **Component unit**
      - NPS10003 Integrated Professional Placement A 12.5

- **SEMESTER**
  - **Y4**
    - **Component unit**
      - WEI20001 Work Experience in Industry A 12.5
      - WEI20002 Work Experience in Industry B 12.5

- **Component unit**
  - BCH30003 Advanced Biochemistry 12.5
  - BIO30004 Molecular Biotechnology 12.5
  - NPS10003 Grand Challenges in Science 12.5
  - NPS20002 Research Skills in Science 12.5

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### Course Enrolment Planner

**Core units**
- 100 Credit points

**First Major units**
- 100 Credit points
- 100 Credit points

**Component units**
- 75 Credit points

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### Professional Placement Co-Major

This is a paid professional placement of 12 months in an area relevant to the course. More information is available from Swinburne Integrated Learning.

**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.

**Where can I find out more about individual unit content?**

Visit the Single Unit Search page to search for additional unit content.

**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?**

For a full listing of online units go to Online Units.

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