**BACHELOR OF SCIENCE - Biochemistry Major BA-SC2**

**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

<table>
<thead>
<tr>
<th><strong>Your First SEMESTER</strong></th>
<th><strong>Your Second SEMESTER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Select a unit from Option A</strong></td>
<td><strong>IC10007</strong> Introduction to E-Science</td>
</tr>
<tr>
<td><strong>Select a unit from Option B</strong></td>
<td><strong>CHE10002</strong> Chemistry 2</td>
</tr>
<tr>
<td><strong>Select a unit from Option C</strong></td>
<td><strong>BIO10003</strong> Concepts of Biotechnology</td>
</tr>
<tr>
<td><strong>BIO10001</strong> Concepts in Biology</td>
<td><strong>MTH10010</strong> Essential Mathematics</td>
</tr>
</tbody>
</table>

**Option A** Choose 1 of

- CHE10004 Introduction to Chemistry
- CHE10001 Chemistry 1 (Comp VCE Chemistry select this unit)

**Option B** Choose 1 of

- PHY10002 Introduction to Physics
- PHY10001 Energy and Motion (Comp VCE Physics select this unit)

**Option C** Choose 1 of

- MTH00007 Preliminary Mathematics
- STA10003 Foundations of Statistics (Comp VCE Maths Methods select this unit)

### Y2

<table>
<thead>
<tr>
<th><strong>SEMESTER</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>BCH20002</strong> Introduction to Biochemistry</td>
<td><strong>COM20002</strong> Communication for Scientists</td>
</tr>
<tr>
<td>Component unit</td>
<td>Component unit</td>
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<th><strong>SEMESTER</strong></th>
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<tbody>
<tr>
<td><strong>CHE30001</strong> Advanced Biochemistry</td>
<td><strong>PHY30002</strong> Research and Development Project 3</td>
</tr>
<tr>
<td>Component unit</td>
<td>Component unit</td>
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### OPTIONAL COMPONENT

**Professional Placement**

An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

### Y3

<table>
<thead>
<tr>
<th><strong>SEMESTER</strong></th>
<th><strong>SEMESTER</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>NPS30002</strong> Research Skills in Science</td>
<td><strong>PHY30002</strong> Research and Development Project 3</td>
</tr>
<tr>
<td>Component unit</td>
<td>Component unit</td>
</tr>
<tr>
<td><strong>BCH30003</strong> Advanced Biochemistry</td>
<td><strong>CHE30006</strong> Comp and Advanced Organic Chemistry</td>
</tr>
<tr>
<td>Component unit</td>
<td>Component unit</td>
</tr>
<tr>
<td><strong>ENV30001</strong> Environmental Biology</td>
<td>Component unit</td>
</tr>
</tbody>
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**Core units**

- 100 Credit points

**First Major units**

- 100 Credit points

**Component Units**

- 100 credit points

**First Major units**

- A set of compulsory units you MUST complete as part of your Course

**Core units**

- Can be completed from a combination of the following:
  - Second Major
    - A structured set of 8 units or 100 credit points in a field of study specific to your course which you can choose in addition to a first major.
  - Co-Major
    - A structured set of 8 units or 100 credit points in a field of study outside your course area which you can choose in addition to a first major.
  - Minor
    - A structured set of 4 units or 50 credit points from a field of study which you can choose in addition to a first major.
  - Electives
    - A standalone unit from any study area.

**Work Integrated Learning (WIL)**

A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for Professional Placement during your second year. More information on Professional Placement and other WIL options at Work 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 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).

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.

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**Note:**

-  + = Credit points

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