**Overview**

Biology is the study of life and living organisms. The School of Biological, Earth and Environmental Sciences offers expertise in the fields of botany, ecology, marine biology and zoology. Botany explores aspects of both green and non-green plants and their relation to the environment. An understanding of ecology is necessary for conservation. Marine biology is about life in the ocean, estuaries and other coastal environments. Zoology looks at the structure, behaviour, habits, genetics, distribution, evolution and classification of animals.
Faculty
Faculty of Science

School
School of Biological, Earth and Environmental Sciences

Study Level
Undergraduate

Minimum Units of Credit
78

Specialisation Type
Major
Available in Program(s)

Program(s) in which this major is available

Bachelor of Science and Business - BSc&Bus
3925 Science and Business

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More

Bachelor of Advanced Science (Honours) - BAdvSci(Hons)
3962 Advanced Science (Honours)

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

Read More

Bachelor of Environmental Management - BEnvMgmt
3965 Environmental Management

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More

Bachelor of Life Sciences - BLS
3966 Life Sciences

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More
Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More
Bachelor of Science - BSc
3970 Science

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More
Bachelor of Science - BSc
3970 Science

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More
Bachelor of Science (International) - BSc(International)
3987 Science (International)

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

Read More
Bachelor of Science (International) - BSc(International)
3987 Science (International)

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

Read More
Specialisation Structure

Students must complete 78 UOC.

Level 1 Core Courses

Students must take 24 UOC of the following courses.

BABS1201 | 6 UOC
Molecules, Cells and Genes

BIOS1101 | 6 UOC
Evolutionary and Functional Biology

BIOS1301 | 6 UOC
Ecology, Sustainability and Environmental Science

MATH1041 | 6 UOC
Statistics for Life and Social Sciences

Level 2 Core Courses

Students must take 12 UOC of the following courses.

BEES2041 | 6 UOC
Data Analysis for Life and Earth Sciences

One of the following:
BABS2204 | 6 UOC
Genetics

BABS2264 | 6 UOC
Genetics (Advanced Level)

Level 2 Prescribed Electives

Students must take at least 12 UOC of the following courses.

BIOS2011 | 6 UOC
### Level 3 Prescribed Electives

Students must take at least 30 UOC of the following courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS3011</td>
<td>Animal Behaviour</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3061</td>
<td>Plant Ecology</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3081</td>
<td>Ocean to Estuarine Ecosystems</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3161</td>
<td>Life in Arid Lands</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3171</td>
<td>Evolution</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3221</td>
<td>Assembling the Tree of Life</td>
<td>6</td>
</tr>
<tr>
<td>BIOS3601</td>
<td>Advanced Field Biology</td>
<td>6</td>
</tr>
</tbody>
</table>
**Recommended Courses**

The following are recommended electives (These are not required but are recommended as good complementary courses for this major):

**Level 1:**
- CHEM1011 Chemistry A (6 UOC) or CHEM1031 Higher Chemistry A (6 UOC)

**Level 2:**
- GEOS2021 Human Origins and Prehistory (6 UOC)
- GEOS2071 Life through Time (6 UOC)
- BIOS2500 Evolution and The Modern World (6 UOC)

**Level 3:**
- BIOS3091 Marine and Aquatic Ecology (6 UOC)

---

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Additional Information

Honours

For information about Honours in Biology see the Biology Honours plan or contact the School of Biological, Earth and Environmental Sciences (BEES).
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)
© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179