

Bachelor of Science (Environment)

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This program offers an alternative to the 4-year BEnvSc degree and is ideal for students wishing to complete a science-based environmental degree with a view to employment in an area of environmental assessment, management and policy development.

BSc (Environment) Course Structure

| Subjects | | Session | Credit Points |
|---------------------------|--|------------------|---------------|
| Common First Year | | | |
| BIOL103 | Molecules, Cells and Organisms | Spring | 6 |
| BIOL104 | Evolution, Biodiversity and Environment | Autumn | 6 |
| CHEM101 | Chemistry 1A: Introductory Physical and General Chemistry | Autumn | 6 |
| CHEM102 | Chemistry 1B: Structure and Reactivity of Molecules for Life | Spring | 6 |
| EESC101 | Planet Earth | Autumn | 6 |
| EESC102 | Earth Environments and Resources | Spring | 6 |
| EESC103 | Landscape Change and Climatology | Autumn | 6 |
| EESC104 | The Human Environment: Problems and Change | Spring | 6 |
| Common Second Year | | | |
| BIOL251 | Principles of Ecology and Evolution | Autumn | 6 |
| CHEM214 | Analytical and Environmental Chemistry | Spring | 6 |
| EESC202 | Soils, Landscapes and Hydrology | Spring | 6 |
| EESC203 | Biogeography and Environmental Change | Autumn | 6 |
| EESC204 | Introductory Spatial Science | Autumn or Spring | 6 |
| PHYS233 | Introduction to Environmental Physics | Autumn | 6 |
| STAT252 | Statistics for the Natural Sciences | Spring | 6 |

Autumn Session Options:

Select one of the following three subjects:

| | | | |
|---------|--|--------|---|
| BIOL105 | Functional Biology of Animals and Plants | Autumn | 6 |
| PHIL256 | Ethics and Environment | Autumn | 6 |
| MATH151 | General Mathematics 1A (if required) | Autumn | 6 |

Note: All students entering the Bachelor of Science (Environment) without meeting the minimum Mathematics requirement must successfully complete MATH 151. Students interested in transferring to the Bachelor of Environmental Science (four year degree) should note that they will need to complete MATH151 as additional load. MATH151 is offered in both Autumn and Summer Sessions.

Third Year

Core

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|---------|--------------------------------|--------|---|
| EESC304 | Geographic Information Science | Spring | 8 |
| ENVI391 | Environmental Science | Spring | 8 |

Options

Plus four of the following subjects, as approved:

| | | | |
|---------|--|--------|---|
| BIOL351 | Conservation Biology: Marine and Terrestrial Populations | Autumn | 8 |
| BIOL356 | Marine and Terrestrial Ecology | Spring | 8 |
| CHEM314 | Instrumental Analysis | Autumn | 8 |
| CHEM327 | Environmental Chemistry | Autumn | 8 |
| EESC301 | Plate Tectonics, Macrotopography and Earth History | Autumn | 8 |
| EESC302 | Coastal Environments: Process and Management | Spring | 8 |
| EESC303 | Fluvial Geomorphology and Sedimentology | Autumn | 8 |
| EESC305 | Remote Sensing of the Environment | Autumn | 8 |
| EESC306 | Resources and Environments | Spring | 8 |
| EESC308 | Environmental and Heritage management | Spring | 8 |
| MARE300 | Fisheries and Aquaculture | Spring | 8 |

Or other subjects approved by the Coordinator

Honours

Students would be eligible to enrol in Honours in their selected discipline: Biological Sciences, Chemistry, or Earth and Environmental Sciences. Please refer to Section 7.5 for further information about the Honours program including entry requirements, relevant contact details and instructions for how to apply.