

# Marine at Deakin



Bachelor of Marine Science

Bachelor of Environmental Science (Marine Biology)

Undergraduate

Deakin University offers the ideal location to pursue a marine career, with two options of marine studies – one at the Geelong Wairn Ponds Campus (including practical and field components at Deakin University Queenscliff Marine Science Centre) and one at the Warrnambool Campus. Both offer prime coastal locations that will provide you with access to amazing marine habitats and ecosystems that form part of the Great Southern Reef.

## Marine Science

Study marine science at Deakin's Geelong Wairn Ponds Campus where you will have access to spectacular marine environments teeming with rich biodiversity on your doorstep. Become an expert in ocean systems by exploring a broad range of disciplines, including marine microbiology and genomics, oceanography, coastal processes, marine modelling, marine biology, marine ecology, fisheries and aquaculture. The Bachelor of Marine Science equips you with the skills needed to create a sustainable future for the world's oceans.

You'll learn from expert marine science teaching staff in labs and facilities equipped for analytical chemistry, molecular biology and more. With hands-on practical activities located at Deakin University Queenscliff Marine Science Centre, you'll get direct access to rocky shores, seagrass beds and mangroves as the surf beaches become your classroom.

## Marine Biology

Study Deakin's Bachelor of Environmental Science (Marine Biology) at our Warrnambool Campus and gain extensive hands-on experience exploring coastal ecosystems and marine environments in an area that has some of the richest biodiversity in Australia. With a biological and ecological focus, this course equips students with the skills and knowledge to sustainably manage precious marine environments both in the classroom and in the environment through hands-on field trips in beautiful surrounds.

Gain practical experience in the field and hone your skills through placement opportunities with prominent marine and environmental organisations. Develop a deep understanding of how marine ecosystems function and gain skills in modern scientific research methods under the guidance of established scientists, all while building professional relationships that can help you when you graduate.



'I worked on a project assessing the use of drones to monitor intertidal reefs as part of a research partnership with Parks Victoria. It was great to learn through a hands-on experience and to work closely with others outside of the academic community.'

**Sarah Murfitt**

Bachelor of Environmental Science (Marine Biology),  
Bachelor of Environmental Science (Honours) student



## Bachelor of Marine Science Course Structure

**Location:** Geelong Waurin Ponds Campus WP  
**Duration:** 3 years full-time study (or part-time equivalent)  
**Intake:** March (Trimester 1), July (Trimester 2)  
**Deakin code:** S337  
**ATAR score<sup>1</sup>:** WP 66.85  
**VTAC code:** 1400310631

The Bachelor of Marine Science consists of 24 credit points of study including 17 core units and seven credit points of elective units.

In addition you will have to complete three zero credit point units relating to lab safety, work placements and academic integrity.

Please visit [deakin.edu.au/course/S337](https://deakin.edu.au/course/S337) for more information about this course, including further details of the course structure and units involved.

### Career outcomes in Marine Science

As a graduate of the Bachelor of Marine Science, you will have gained skills across a range of marine science disciplines, which provide a diverse range of career opportunities in both research and applied fields in areas such as oceanography, marine biochemistry and biotechnology, fisheries, remote sensing, marine biology and ecology, microbiology and genomics, quantitative modelling, marine policy and economics. The science-based skill set has been identified by the National Marine Science Committee as being in demand by employers in the broad marine science sector.

Further postgraduate studies including research training can lead to students becoming research scientists in a specific field of marine science.

Learn more about marine at Deakin at  
[deakin.edu.au/study-marine](https://deakin.edu.au/study-marine)

## Bachelor of Environmental Science (Marine Biology)

### Course structure

**Location:** Warrnambool Campus WB  
**Duration:** 3 years full-time study (or part-time equivalent)  
**Intake:** March (Trimester 1), July (Trimester 2)  
**Deakin code:** S399  
**ATAR score<sup>1</sup>:** WB 52.40  
**VTAC code:** 1400718041

The Bachelor of Environmental Science (Marine Biology) consists of 24 credit points of study including 19 core units and 5 elective units.

In addition you will have to complete three zero credit point units relating to lab safety, work placements and academic integrity.

Please visit [deakin.edu.au/course/S399](https://deakin.edu.au/course/S399) for more information about this course, including further details of the course structure and units involved.

### Career outcomes in Marine Biology

As a graduate of the Bachelor of Environmental Science (Marine Biology), you will have multi-disciplinary career opportunities including marine ecotourism and education, park rangers, fisheries, EPA and biosecurity officers, aquaculture, marine biology consultants, government environment and sustainability officers, employees of water authorities and catchment management authorities. The development of transferable soft skills, research skills and critical thinking also help to enhance your employability in the environmental science and management sectors.

Further postgraduate studies including research training can lead to students becoming research scientists in a specific field of marine biology and environmental science.

<sup>1</sup> Lowest selection rank of an applicant to which an offer was made in 2020.



## Learn from the field and industry

Conduct fieldwork and learn in natural marine environments along the Victorian coast. As well as being involved in practical activities as part of your studies, every student will complete Professional Practice – an industry-based placement (internship). This lets you experience your potential career path, gain valuable experience and start establishing your professional networks, all whilst receiving credit towards your degree.



## Interested in applying?

### Entry requirements

**Entry for applicants with recent secondary education\*** will be based on their performance in Senior Secondary Certificate of Education with pre-requisite units 3 and 4; a study score of at least 25 in English EAL (English as an additional language) or 20 in English other than EAL.

**Entry for applicants with previous Tertiary, VET, life or work experience will be based on their performance in:**

- Certificate IV in a related discipline OR
- Diploma in any discipline or 50% completion of Diploma in a related discipline OR
- Successful completion of relevant study – equivalent to at least two Deakin University units – at an accredited higher education institution OR
- Evidence of academic capability judged to be equivalent, including Foundation program approved by Faculty Board, or relevant work or life experience

### How to apply

Depending on your course, our flexible trimester system means you may be able to start in Trimester 1 (March), 2 (July) or 3 (November).

**If you're currently enrolled in Year 12** or a recent secondary applicant (ie. have completed Year 12 in the past two years) your application for Trimester 1 must be made through VTAC, [www.vtac.edu.au](http://www.vtac.edu.au). Note that when you apply via VTAC, you can't also apply directly to Deakin.

Conversely, if you have previous higher education, VET or work experience, you can apply directly to Deakin.

Applications for Trimester 2 or 3 should be made directly to Deakin at [deakin.edu.au/apply](http://deakin.edu.au/apply).

\* Includes those currently enrolled in Year 12 and those who have completed Year 12 in the past two years.

1800 MYFUTURE (1800 693 888)  
[myfuture@deakin.edu.au](mailto:myfuture@deakin.edu.au)

[deakin.edu.au/study-marine](http://deakin.edu.au/study-marine)

While the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of the course and unit offerings. Printed June 2020.

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