



# Bachelor of Marine Biology and Climate Change

On a warming planet, the health of the planet's oceans is more critical than ever. The uniquely hands-on UTS Bachelor of Marine Biology and Climate Change is the only degree of its kind in the Sydney region. It responds to Australia's ongoing investment in the future of the Blue Economy by producing graduates who can shape the future of our vital marine ecosystems.

Taught through the lens of climate change, course content spans the study of marine and aquatic environments delivered as a combination of theory, lab, and fieldwork experiences.

## Course aims

### Learn from the leaders in marine science

Course content is designed and delivered by industry experts and academics in the School of Life Sciences and the acclaimed Climate Change Cluster (C3), one of Australia's leading marine ecosystems research centres. The small course size means students have plenty of interaction with educators whose commitment to industry engagement gains access to a range of work-inspired learning opportunities. These include internships with UTS Science research laboratories and external marine science organisations.

### Study where marine biology happens

Beyond the classroom, undertake an extensive series of fieldwork trips. Explore intertidal systems, seagrass meadows and coral reefs at locations including the Sydney Institute of Marine Science, Careel Bay, Sydney Harbour and the Central Coast in NSW and Heron Island on the Great Barrier Reef. Or, study overseas with the UTS Global Exchange program.

## Key information

**2022 selection rank** 80.80

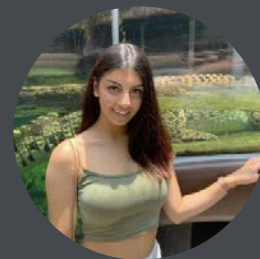
**Location** City campus  
**Duration** 3 years (full time)  
6 years (part time)

**UAC code** 607035

### Course program

Find typical course programs for the Bachelor of Marine Biology and Climate Change and learn more about the units of study that make up this degree.

[handbook.uts.edu.au/courses/c10228](https://handbook.uts.edu.au/courses/c10228)



“UTS has provided me with the skills and experience that employers are after in my field. When applying for opportunities, the practical skills and experience I have gained while studying at UTS has set me apart from other candidates who lack this hands on experience.”

### Jenny Evripidou

Bachelor of Marine Biology and Climate Change

## Careers

In the United Nations Decade of the Ocean, marine biology is no longer solely a scientific discipline but a highly sought-after skillset across a wide range of industry settings. Students graduate with the technical and professional skills to deliver scientific innovation in a diversity of marine science roles, as well as in other sectors connected to Australia’s coastal systems.

Career options include ecologist, environmental chemist, environmental consultant, environmental scientist, research scientist, science policy officer or sustainability consultant, among others. Work in fisheries, national parks, zoos and aquariums, conservation and environmental protection agencies, infrastructure and development organisations, universities, and research institutes. Graduates can translate their scientific knowledge and professional expertise into careers in science communication, tourism, or consultancy opportunities in a wide range of organisations.

## Course features

### Scientist’s toolkit

Complete a series of common core subjects that underpin all undergraduate UTS Science degrees. Data, Design and Decisions and Scientific Perspectives for Global Issues are designed to equip students with a toolkit of technical and workplace skills, preparing them to thrive both at and after uni.

### Marine biology subjects

Explore the fundamental elements of marine biology, including coral reefs, ocean systems, fish biology, and aquatic ecosystems. Investigate ecological interactions using cutting-edge technologies and traditional and analytical methods and learn to assess and respond to the impacts of climate change on these life-sustaining environments.

### Professional choice block

Develop a broader skillset with the new professional choice block – choose from electives in policy, law, tourism and business and prepare for careers beyond the traditional marine sciences domain.

### Internships

Students studying this course have an opportunity to undertake an internship subject and receive academic credit for their placement off campus (an external business or research institute) or on campus (UTS research institutes or departments), in a capacity relevant to their academic studies.

### Other courses

Other UTS Science courses you might be interested in:

Bachelor of Science (Flexible)

Bachelor of Science (Environmental sciences)

Bachelor of Molecular Biotechnology (Environmental biotechnology)

Bachelor of Environmental Biology

### Contact us

Tel: 1300 ASK UTS (1300 275 887)  
[ask.uts.edu.au](mailto:ask.uts.edu.au)

Find out more about the Bachelor of Marine Biology and Climate Change

