



WHAT OUR STUDENTS SAY

“I have really enjoyed my BSc at Bangor. The staff have been so helpful and I have found every single module interesting and essential to my degree”

**RHIAN PUGH
MARINE BIOLOGY GRADUATE**

We are increasingly aware of the value of marine organisms for food, medicine and other products as well as for their role in influencing the climate. Marine Biology is the study of organisms that occupy 95% of the biosphere of our planet, living in conditions ranging from the polar seas to hydrothermal vents.

COURSE OVERVIEW

Marine biology encompasses many biological disciplines to cover the range of organisms found from viruses through to blue whales: microbiologists study the bacteria and fungi; botanists examine the photosynthetic life of the ocean that range from unicellular algae through to giant seaweeds 60 m long. Zoologists study a myriad of

organisms from microscopic creatures, to crustaceans, molluscs, fish and large marine mammals. Some scientists choose to concentrate on a group of organisms, whilst others look at systems as a whole to study the interaction between groups of organisms and the factors that influence long and short-term changes in communities. Conservation, environmental management, sustainable use of marine resources, biotechnology and food production are all important applications of marine biological science.

WHY CHOOSE BANGOR?

Bangor has some of the best expertise and facilities in marine biology and ecology in the UK.

We are based on the shores of the Menai Strait, on the Isle of Anglesey, where we are surrounded by amazing field sites, from rocky shores to beaches, where we regularly take students to learn about marine biology in the field.

WHO SHOULD STUDY THIS?

Marine Biology is suitable for students interested in global environmental issues, who love the sea and who wish to pursue a science-based degree with an emphasis on skills-building through laboratory and field-based work. Studying Marine Biology is rewarding and at Bangor we have a long history of producing employable graduates who develop successful careers in the field.

CAREER PROSPECTS

A number of our graduates pursue higher postgraduate degrees in specific areas of marine science (i.e. MSc), or longer research degrees (i.e. PhD). Some move directly into careers within marine science, working for government bodies (i.e. Department of Environment, Food and Rural Affairs, Environment Agency), other environmental agencies (English Nature, Natural Resources Wales) or commercial enterprises (marine aquaria, fish farms, whale-watching and other ecotourism companies). Some graduates move out of marine science altogether, but find that they can still use skills they have learnt in a wide variety of fields (including computing, communication, report writing, and observational and analytical skills).

WHERE ARE YOU TAUGHT?

The School of Ocean Sciences is located on the seashore in Menai Bridge on the Isle of Anglesey,

about three miles from the main University site in Bangor. Most of your first and second year learning will take place in Bangor in the University lecture theatres that are close to the Halls of Residence, Students Union and Sports facilities. You will come to Menai Bridge for practicals and tutorials. In your final year, most of your learning will take place in Menai Bridge. Most final year students choose to remain close to the University social scene by living in Bangor and commuting daily to Menai Bridge, but a significant proportion do find accommodation in the pleasant environment of Menai Bridge town itself.

FIRST YEAR

The first year of the Marine Biology degree provides you with a fundamental understanding of important elements of both marine science and biology. You will study through lectures, tutorials, laboratory practicals and fieldwork to develop essential skills that provide the foundation for your development in future years.

SECOND YEAR

You will deepen your knowledge of marine ecology and marine science, as well as developing essential practical skills in the field and laboratory. You will conduct a multidisciplinary research project providing a taster for interdisciplinarity in research.

THIRD YEAR

In the final year you will put the concepts you learned into practice. Modules will present more complex theories. You have the opportunity to travel overseas to visit the Virginia Institute for Marine Science as part of our annual field trip. Overall, you will develop a deeper understanding of marine biology.

Detailed module information is available at: <http://seasci.uk/mb>



ENTRY REQUIREMENTS

112 - 136 points at A2/AS level (or equivalent) including A2 in Biology and one other science subject (Physics, Maths, Chemistry, Geography, Geology, Environmental Science, Psychology), plus Grade C in GCSE Maths, Core Science, Additional Science and English. We consider Access and BTEC National

Diploma applicants and mature students on an individual basis.

FURTHER INFORMATION

Admissions Administrator
School of Ocean Sciences
Bangor University
Menai Bridge, LL59 5AB
Tel: 01248 382851
sos-ug-admissions@bangor.ac.uk
www.bangor.ac.uk/oceansciences

APPLICATION PROCEDURE

Applications must be made via UCAS (www.ucas.ac.uk). UCAS code C160.

Scan the QR code or visit the link below: <http://seasci.uk/mb> to learn more about our Marine Biology course.

