APPLIED MARINE BIOLOGY

PRIFYSGOL BANGOR UNIVERSITY

WHAT OUR STUDENTS SAY

"The most valuable asset is certainly the placement year which will open up so many opportunities and pave your path into a career in marine science before you have even finished your first degree"
Jan Seiler
APPLIED MARINE BIOLOGY

Mankind's increasing use of the seas and the coastal zone present marine biologists with many challenges. How do we maximise sustainable fishing yields while minimising adverse ecological effects? Farm marine species without polluting coastal areas? Manage increasing tourism and industry in the coastal zone or preserve marine biodiversity against this background of use and exploitation? These are all topics studied in this degree programme.

COURSE OVERVIEW

Our degree in Applied Marine Biology at Bangor University provides you with the background in marine biology needed to consider important issues including exploitation and marine conservation. You will learn about the range and increasing importance of natural products produced by marine organisms and the need for a balanced and sustainable approach. Central to this degree is that you also have the opportunity to undertake a work placement year with an external scientific organisation actively engaged in research.

WHO SHOULD STUDY THIS?

Applied Marine Biology is suitable for students who see their future in a hands on area of marine science. Whether this is policy focussed, marine biological research, environmental monitoring, management of marine reserves and protected areas or some aspect of commercial exploitation of marine organisms.

WHY STUDY THIS?

Our Applied Marine Biology degree offers students the chance to gain a comprehensive background in marine biology with a focus on how this can be applied with respect to exploitation or conservation. This degree is also ideal if you want to gain industrial experience during your time at University.

WHY CHOOSE BANGOR?

You will be taught by leading experts in the applied marine sciences, including fisheries and aquaculture. Our facilities include the Centre for Applied Marine Sciences, a highly active department working with all aspects of marine business.

CAREER PROSPECTS

Studying applied marine biology will equip you with the skills and knowledge for careers in aquaculture, marine conservation, environmental assessment, fisheries and water companies, as well as in research institutes, universities and government laboratories. The placement year will help you find the right career by providing vital hands on experience that can improve career prospects. Some recent graduates are now working in government bodies such as the Department of Environment, Food and Rural Affairs, Environment Agency or other environmental agencies. In other cases they have moved to or have developed commercial enterprises (e.g marine aquaria and fish farms).

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 away from the main University site in Bangor. However, 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 only need to come to Menai Bridge for practicals and tutorials. In your final year, however, most of your learning will take place in Menai Bridge.

FIRST YEAR

The first year of the degree provides you with a fundamental understanding of important elements of both marine science, physics 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 science and biology, as well as developing essential practical skills in the field and laboratory.

THIRD YEAR

The third year is a placement year where we will help you find an interesting work placement in an area of your interest. Our recent students have undertaken placements at the Netherlands Institute for Sea Research, Natural Resources Wales, Marine Scotland, the Australian Institute of Marine Science and others.

FOURTH YEAR

In the final year you will work on more complex theories and concepts. You have the opportunity to travel overseas to visit the Virginia Institute for Marine Science as part of our annual field trip, as well as developing a deeper understanding of the applied aspects of marine biology.

Detailed module information is available: http://seasci.uk/amb4

ENTRY REQUIREMENTS

112 - 128 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, 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 C163.

Scan the QR code or visit this link: http://seasci.uk/amb4 to learn more about our Applied Marine Biology course.

Learn about the blue planet with world leading experts at the School of Ocean Sciences