

MARINE BIOLOGY AND OCEANOGRAPHY



PRIFYSGOL
BANGOR
UNIVERSITY

“The use of research vessels and other field-based teaching is very good.”

EXTERNAL EXAMINER'S REPORT



The oceans continue to play a vital role in lives of people because of their role in regulating global climate. In order to properly understand how the oceans work and the marine life therein, it is essential to study them from a multidisciplinary viewpoint.

COURSE OVERVIEW

Our Marine Biology and Oceanography degree is the study of the animals and plants living in the ocean and the environment in which they live. You will learn about life in the sea from the smallest algae to the largest mammals and also about the ocean currents, waves, tides and mixing that affect them. The multidisciplinary nature of the study of marine science

is reflected in this degree, which is one of the longest established at the School of Ocean Sciences.

WHY STUDY THIS?

True multidisciplinary scientists are rare, they transcend disciplines (for example across biology and physics) and are increasingly important in our changing world. For example, the biological productivity of the oceans depends upon the supply of light and nutrients, which are physical and chemical processes, but only by studying this complex system in entirety can we begin to understand how it works.

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 science in the field.

WHO SHOULD STUDY THIS?

Marine Biology and Oceanography is suitable for students interested in how the ocean works and who wish to pursue a science-based degree with an emphasis on practical skills and field work. At Bangor, we have a long history of producing employable graduates who develop successful careers in the field.

CAREER PROSPECTS

Because Marine Biology and Oceanography is one of our longest established degrees, many of our graduates are now in senior positions in research and industry, and recruiting today's graduates. By combining Marine Biology with Oceanography, as a graduate you can offer a distinctive mix of skills to marine science employers, and also access a wide range of postgraduate training. The major areas of recruitment are in marine environmental monitoring and impact assessment, scientific research in universities, industry and government laboratories, the oil industry and offshore support industry, and defence-related work.

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. Most final year students choose to remain close to the University social scene by living in Bangor and commuting 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, 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 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 will undertake the annual residential coastal sediments field study (which takes place in June at the end of your second year), as well as developing a deeper understanding of marine biology.

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



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, 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 CF17.

Scan the QR code or visit this link: <http://seasci.uk/mbo> to learn more about Marine Biology and Oceanography.

