



There is a significant proportion of people who live near or directly benefit from the oceans. In an era of change, it is important that we can predict and manage the environmental impacts of global warming, sea level rise, marine pollution, hydrocarbon exploration, agriculture, urbanisation, dumping at sea, fisheries and eco-tourism. To achieve this, an interdisciplinary approach is needed.

COURSE OVERVIEW

Ocean Science is the study of the global marine environment, encompassing all aspects from estuaries and coasts to the deep ocean. It combines direct observation of this environment with a systematic search to understand the

processes that control it. Ocean scientists are both explorers and scientists, and much of the world's ocean is yet to be explored. Because of the range of scientific knowledge required to understand all of the processes involved, ocean science is divided into a variety of disciplines (e.g. biology, chemistry, geology, physics). This is one of the reasons why ocean science is so exciting, as scientists with a broader knowledge are making important new advances.

WHY CHOOSE BANGOR?

We have a long tradition of teaching in the marine sciences, and have established ourselves at the forefront of international marine research. In achieving this we have recruited a team of world

leading researchers who cover the full spectrum of marine geology, physics, chemistry and biology. We have some of the best facilities for studying the marine environment in the UK.

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

WHO SHOULD STUDY THIS?

Ocean Science is a course for students interested in the marine environment. It is for students who wish to pursue a science-based degree course with emphasis on practical skills and fieldwork.

CAREER PROSPECTS

In recent years there has been rising demand from employers for marine science graduates with broader skills and knowledge than can be acquired by specialising in a single discipline. You will be able to apply for jobs in coastal and marine resource management, environmental impact assessment, coastal and oceanic administration and environmental protection. Depending on the combination of modules followed, Ocean Science graduates will also be able to apply for jobs in environmental toxicology, pollution monitoring and waste disposal management, coastal and offshore engineering, hydrography and remote sensing, offshore exploration and sea bed surveying.

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 Ocean Science degree provides you with a fundamental understanding of important elements of marine science, across several disciplines. 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 ocean science, as well as further develop 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 option to undertake the annual residential coastal sediments field study (takes place at the end of your second year), putting the skills you have learned to the test. Overall, you will develop a deeper understanding of ocean sciences and prepare for life as a graduate.

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



ENTRY REQUIREMENTS

112 - 128 points at A2/AS level (or equivalent) including A2 in two science subjects (Physics, Maths, Chemistry, Biology, Geography, Geology, Environmental Science), 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 F700.

Scan the QR code or visit the link below:
<http://seasci.uk/os>
to learn more about our Ocean Science course.

