



“Again the staff and students at Bangor are to be commended: motivated students, dedicated research-led teachers and a good quality product leaving Bangor after three years. Well done!”

EXTERNAL EXAMINERS’ REPORT

It is imperative that we understand the fundamental aspects of animal life and biology, as well as the more applied aspects of marine science such as aquaculture and fisheries, parasitology and immunology. The Marine Biology and Zoology course is a challenging Honours course taught between the School of Ocean Sciences and School of Biological Sciences at Bangor University.

COURSE OVERVIEW

This degree programme provides a wide overview of the huge diversity of animal life and ecosystems on the planet, ranging from the mountains to the deep sea. Although there are many animal groups (phyla) found in terrestrial environments,

only the marine environment actually encompasses all the major animal phyla. In this challenging course, we will demonstrate the interaction between different groups of animals and highlight links between animals and their environments.

WHO SHOULD STUDY THIS?

Marine Biology and Zoology is suitable for students who are attracted to studies of animals in the marine and terrestrial environments. It combines a focus on the marine ecosystem with specialist study of form and function in the animal kingdom.

WHY STUDY THIS?

Marine Biology and Zoology links together specialist studies

of the marine environment with broader studies of freshwater and terrestrial environments and the animals that live within them, it focusses on the fundamental aspects of zoology, including physiology, genetics and behaviour.

WHY CHOOSE BANGOR?

By bringing together two leading Schools, this degree allows you access to some of the best expertise and facilities in biology and marine science in the UK.

We are surrounded by fantastic field sites, from rocky shores to beaches, where we regularly take students to learn about marine science and zoology in the field.

CAREER PROSPECTS

This broad but challenging degree prepares students for a range of careers involving opportunities related to both marine biology and zoology. There are far more opportunities in the marine and terrestrial areas of biology today than previously, driven by increased awareness of the importance of biodiversity, food security and the changes that are occurring due to climate change. Our graduates work in fisheries laboratories, university and government laboratories, public service industries (electric and water), conservation bodies (Natural England, Environment Agency) as well as the private sector (oil companies, waste disposal companies). Some work in public zoos or aquariums.

WHERE ARE YOU TAUGHT?

Most of your course will be taught at the School of Ocean Sciences, close to the sea shore in Menai Bridge. But you will have opportunities to study modules at

the School of Biological Sciences within the main science site in Bangor, close to facilities such as the Deiniol Science Library and our Natural History Museum. 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. Practicals and tutorials are all conducted 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, whilst some alternatively choose to live in Menai Bridge.

FIRST YEAR

The first year of the Marine Biology and Zoology degree provides you with a fundamental understanding of important elements of both marine science, physics, zoology and biology. You study aspects of cell and molecular biology as well as ecology and evolution. 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 zoology, as well as developing essential practical skills in the field and laboratory. Including specialised learning on vertebrate biology, ecology and physiology.

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, as well as developing a deeper understanding of Marine Biology and Zoology.

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



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 CC13.

Scan the QR code or visit this link: <http://seasci.uk/mbz> to learn more about our Marine Biology and Zoology course.

