

## WHAT OUR STUDENTS SAY

**“I enjoyed the field trip. I learn more when things are put into practice.”**

**“I really enjoyed this module! Quite sad that it's over now... I want to go and watch dolphins every weekend!”**

**BSc MVZ UNDERGRADUATES**



**Everyone is familiar with marine vertebrates. They include whales, dolphins and porpoises, manatees, sea otters, seals, turtles, seabirds, sharks and fish. Many of these animals are at or are close to the top of the marine food chain and are hunted by humans as a source of food, oil or protein.**

## COURSE OVERVIEW

Many marine vertebrates are now rare and it has never been more important to understand their biology and how they interact with their environment and humans. During the degree course the general principles of biology, marine biology and marine sciences will be explored, with the taxonomy, physiology, behaviour and

ecology of marine vertebrates highlighted. This degree provides a sound training in the fundamental aspects of the life of the top marine predators as well as providing opportunities to consider applied aspects of marine biology such as fisheries, aquaculture, conservation and ecotourism.

## WHY CHOOSE BANGOR?

Bangor has a broad range of expertise and facilities that relate to marine vertebrate biology. Many of the staff who teach on our course are world experts in research that has a direct impact on marine vertebrates (fisheries, aquaculture, pollution). The interdisciplinarity at Ocean Sciences offers you the opportunity to research and

study issues from genetics to ecology and from physics to fisheries, all of which relate to marine vertebrates.

Our students have organised their own marine science society, the Endeavour Society (named after Captain Cook's ship of exploration). They often have interesting speakers from around the world lecturing on marine vertebrates.

## WHO SHOULD STUDY THIS?

Marine Vertebrate Zoology is suitable for students interested in global environmental issues and are particularly interested in studying the larger marine organisms within the context of a science-based degree with the opportunity to study animals 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 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 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 Vertebrate Zoology 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 vertebrate biology, 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 also practice marine mammal observation techniques, as well as developing a deeper understanding of the biology of marine vertebrates.

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



## 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  
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Bangor University  
Menai Bridge, LL59 5AB  
Tel: 01248 382851  
[sos-ug-admissions@bangor.ac.uk](mailto:sos-ug-admissions@bangor.ac.uk)  
[www.bangor.ac.uk/oceansciences](http://www.bangor.ac.uk/oceansciences)

## APPLICATION PROCEDURE

Applications must be made via UCAS ([www.ucas.ac.uk](http://www.ucas.ac.uk)). UCAS code C351.

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

