

MSC (MARINE BIOLOGY)

Overview

NFQ Level 9, Major Award

The MSc in Marine Biology is a full-time multidisciplinary degree running for 12 months from the date of first registration for the programme.

This programme will consist of Part I and Part II. Part I will consist of eight taught modules to the value of 60 credits involving lectures, practicals, seminars and fieldwork. Part II will be a substantial Research Dissertation (BL6017) to the value of 30 credits for those meeting progression requirements of Part I of the programme. Each of the prescribed taught modules will be examined by a written paper and/or continuous assessment. Each candidate progressing to Part II of the programme must submit the Research Dissertation (BL6017) in an area of Marine Biology by a date in August of the registration year as prescribed by the School of BEES.

Postgraduate Diploma in Marine Biology

Students who achieve 40% in each individual taught module in Part I but fail to achieve the requisite grade of 50% across the taught modules, or students who pass Part I and do not wish to complete the Research Dissertation (Part II) may opt to be conferred with a Postgraduate Diploma in Marine Biology (<https://ucc-ie-public.courseleaf.com/programmes/pdmbby/>).

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
Students take 90 credits as follows:		
Part I		
Students take 60 credits as follows:		
<i>Core Modules</i>		
BL6012	Marine Megafauna	10
BL6013	Marine Fisheries and Aquaculture	10
BL6014	Marine Fieldwork and Survey Techniques	10
BL6015	Practical Marine Workplace Skills	5
BL6016	Marine Ecology and Conservation	10
BL6019	Ecological Applications of Geographical Information Systems	5
BL6020	Genetics and the Marine Environment	5
BL6026	Introductory Quantitative Skills for Biologists using R	5
Part II		
<i>Dissertation</i>		
Students take 30 credits as follows:		
<i>Core Modules</i>		
BL6017	Dissertation in Marine Biology	30
Total Credits		90

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

Programme Learning Outcomes

Programme Learning Outcomes for MSc (Marine Biology) (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Recall marine flora and fauna, the marine environment and its biological and physical properties and processes;
- Assess the sustainability of exploitation (fisheries and aquaculture) and assess the impact of other anthropogenic factors on the marine environment;
- Define the roles of management and conservation across the marine environment;
- Demonstrate a wide range of research skills (field and laboratory) including safety related and professional qualifications;
- Undertake independent research in the field of Marine Biology;
- Apply the skills acquired in this course in the working environment enabling the development of policy.