

# MRES (MASTER OF RESEARCH) IN ANIMAL BEHAVIOUR AND WELFARE

## Overview

**Status:** Active

**National Framework Of Qualifications (NFQ) Level:** 9

**NFQ Award Class:** Major Award

**Duration Full Time:** 12 Month(s)

**Total Credits:** 90

**Delivery Method:** In-Person

### Connected Curriculum:

- Employability
- Global Reach
- Research Based Teaching

### Graduate Attributes:

- Creator, evaluator and communicator of knowledge
- Digitally Fluent
- Effective global citizen
- Independent and creative thinker
- Socially Responsible

### Work-Integrated Learning (Including Placement):

No

The MRes in Animal Behaviour and Welfare is a full-time programme running over 12 months from the date of first registration for the programme. The programme consists of

1. a major research thesis and
2. taught modules on generic and transferable skills, with an emphasis on scientific writing, oral presentations, and general research skills.

Part-time study for this programme is not available.

Students undertake a total workload equivalent to **90** credits over the 12 month programme, the principal element of which is the completion of a major research thesis of approximately 10,000 words (**70** credits). In parallel, students must take and pass taught modules to the value of **20** credits.

See also Procedures for Submission and Examination of Research Masters Degrees (<https://reg.ucc.ie/curriculum/calendar/live/postgraduate/Masters/Procedures%20for%20Submission%20and%20Examination%20of%20Research%20Masters%20Degrees.pdf>).

## 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 - taught modules (**20** credits) and a Major Research Thesis (**70** credits):

Taught Modules	
Elective Modules	
Students take modules to the value of <b>20</b> credits from the following: <sup>1</sup> 20	
BL3004	Key Research Skills in Biology (5)
BL4004	Frontiers in Biology (5)
BL6019	Ecological Applications of Geographical Information Systems (5)
BL6026	Introductory Quantitative Skills for Biologists using R (5)
BL6027	Intermediate to Advanced Quantitative Skills for Biologists using R (5)
ZY3020	Animal Behaviour (5)
ZY4021	Evolutionary Ecology (5)
Research	
Thesis (10,000 words) <sup>2</sup>	70
<b>Total Credits</b>	<b>90</b>

<sup>1</sup> Students may elect to take other, relevant modules (subject to availability) that are offered by the University and are not listed above to fulfil the elective requirement with approval from the MRes coordinator, research supervisor and Head of School of Biological, Earth and Environmental Science.

<sup>2</sup> Students undertake independent research towards completion of a research thesis to a student workload equivalent of **70** credits on a selected topic in Animal Behaviour and Welfare.

## 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 MRes (Master of Research) in Animal Behaviour and Welfare (NFQ Level 9, Major Award)**

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

- Identify, formulate and analyse current problems relating to Animal Behaviour and Welfare.
- Prepare and write a dissertation of their research project in a critical, logical and systematic manner, in keeping with the standards of postgraduate research.
- Display advanced theoretical knowledge and practical understanding within a research area of Animal Behaviour and Welfare.
- Demonstrate the application of field and laboratory methods used in Animal Behaviour and Welfare and display a knowledge of their limitations.
- Source, review, critically assess and evaluate relevant primary literature and summarize material for presentation to peers and for inclusion within the research dissertation.
- Design, write and defend a scientific research proposal based on their current research topic or a proposed topic.
- Evaluate their skill set and identify skills that should be acquired.
- Develop professional practice skills including team-work, negotiation, time-management, scientific writing and oral communication.