MSC (BIOINFORMATICS AND COMPUTATIONAL BIOLOGY)

Overview

Status: Active
National Framework Of Qualifications (NFQ) Level: 9
NFQ Award Class: Major Award
Duration Full Time: 12 Month(s)
Duration Part Time: 24 Month(s)
Total Credits: 90
Delivery Method: In-Person

Connected Curriculum:

- Employability
- Global Reach
- Inter-and Transdisciplinary
- Research Based Teaching
- Sustainability

Sustainable Development Goals (SDGs):

- Good Health and Well-being
- Industry, Innovation, and Infrastructure
- Responsible Consumption and Production
- Climate Action
- Life Below Water
- Life on Land

Graduate Attributes:

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

Work-Integrated Learning (Including Placement):
Yes

The MSc (Bioinformatics and Computational Biology) may be taken full-time over 12 months or part-time over 24 months from the date of first registration for the programme. The MSc programme has four different streams: for Biology, Mathematics, Statistics and Computer Science graduates, respectively [for graduates of cognate disciplines, the assignment to a particular stream will be decided by the Programme Director].

Part-time students take between five and seven of their twelve taught modules in each academic year and undertake the project in the second academic year. The modules to be taken by the part-time students in each of their two academic years are specified by the course director, and are taught together with the full-time students.

Note: Students cannot choose a module already completed (for example, as part of their undergraduate degree), or with largely overlapping content to a module already completed. Evidence for this would be the production of a transcript showing all modules taken in their previous degree programme(s). The Programme Director will then assist with selecting a suitable replacement module.

Postgraduate Diploma in Bioinformatics and Computational Biology

Students who do not reach the average mark of 50% threshold for the 12 taught modules required to progress to the research dissertation will be conferred with a Postgraduate Diploma in Bioinformatics and Computational Biology (https://ucc-ie-public.courseleaf.com/programmes/pdbcb/).

Similarly, students who pass the taught modules and do not wish to complete the research dissertation, may opt to be conferred with a Postgraduate Diploma in Bioinformatics and Computational Biology (https://ucc-ie-public.courseleaf.com/programmes/pdbcb/).

Programme Requirements

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