

POSTGRADUATE DIPLOMA MICROBIOME SCIENCE

Overview

Exit Award only

Students passing all modules in Part I of the MSc Microbiome Science (<https://ucc-ie-public.courseleaf.com/programadmin/mscsmc/>) but achieving an average <50% will be asked to exit the programme and will be eligible for a PG Diploma in Microbiome Science.

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 60 credits as follows:		
<i>Core Modules</i>		
MB6401	Cross-kingdom signalling in Microbe-host interactions	5
MB6402	Ecology of Microbial Communities	5
MB6403	Microbiomes in Health and Disease	5
MB6404	Introduction to computational analysis of microbiome data	5
MB6003	Functional Foods for Health	5
PG6001	STEPS - Scientific Training for Enhanced Postgraduate Studies	5
ML6005	Molecular Techniques in the Life Sciences	5
MB6302	Computational Microbiome Analysis	5
MB6405	Laboratory Skills in Microbiome Science	10
MB6406	Library Project in Microbiome Science	10
Total Credits		60

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 Postgraduate Diploma Microbiome Science (NFQ Level 9, Major Award)

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

- Critically evaluate the role of the microbiome in health, disease and sustainability.
- Display an integrated knowledge of the interactions between microbes and their ecosystems, including humans, at a molecular level.
- Apply different computational biology tools to the analysis of microbiome data.
- Independently evaluate published data and integrate different sources of information to produce coherent hypotheses.
- Display skills in presenting science in both written and oral forms.