

# POSTGRADUATE DIPLOMA IN FOOD SCIENCE

- Evaluate current food consumer and food industry trends, policy issues and drivers and strategies impacting on the evolving food supply chain.

## Overview

NFQ Level 9, Major Award

## Exit Award only

Students on the MSc (Food Science) (<https://ucc-ie-public.courseleaf.com/programmes/mfstfs/>) programme who pass Part 1 but who fail to achieve a minimum aggregate of 55% in Part 1, or who choose to exit the programme, will be conferred with the Postgraduate Diploma in Food 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 <b>60</b> credits as follows:		
<i>Core Modules</i> <sup>1</sup>		
FS4014	Food Product Development and Innovation	5
FS4026	Food Factory Design, Utilities and Services	5
FS6101	Library Project in Food Science	10
FS6103	Advances in Sustainable Food Processing Technologies	5
FS6110	Food Analysis and Research Skills	5
FS6113	Food Protein and Lipid Biochemistry	5
FS6114	Food Rheology and Structure	5
FS6120	Dairy Fermentations and Biotechnology C	5
MB4611	Microbial Food Safety (recommended)	5
MB6003	Functional Foods for Health	5
PG6001	STEPS - Scientific Training for Enhanced Postgraduate Studies	5
<b>Total Credits</b>		<b>60</b>

## 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 in Food Science, NFQ Level 9, Major Award

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

- Apply critical thinking skills to solve problems in food science;
- Explain the principles of, and apply in practice, techniques used in food research;
- Work effectively in group settings;
- Develop the capacity to undertake lifelong learning;
- Communicate effectively with the food industry and with society at large;