



MSc in Food, Nutrition and Health

Graduate Diploma / Graduate Certificate
Options available
Online



Introduction

The MSc Food, Nutrition and Health is aimed at graduates from a variety of disciplines and the programme is suitable for both science and non-science graduates. Students will be educated on the fundamentals of food science and nutrition after which the curriculum enables students to choose topics for more detailed focus.

The programme is suitable for those who would like to up-skill and become competent and employable in this increasingly important and rapidly evolving field. Graduates will be

educated to a high level in the science of food as it pertains to human nutrition and health.

There are excellent job prospects for graduates in Food, Nutrition and Health and projections for graduates in this discipline are extremely positive. At a time when the importance of the link between food and human health is becoming increasingly evident, this programme will provide graduates with the skills necessary to function in technical, advisory and management roles in the food industry, public sector and regulatory agencies.

Course Highlight

This programme is hosted by the UCD School of Agriculture and Food Science.

It brings together academic and research staff from across UCD (including the UCD Institute of Food and Health) in health-related aspects of food research, including food science, human and public health nutrition, food production, biosystems engineering, food law, consumer behaviour and food safety.

Programme Content and Structure

90 credits
taught masters

Online Format

This programme is delivered and assessed entirely online. The minimum registration to the MSc is two years, however students have four years in which to complete the programme thereby affording flexibility.

The flexible and online format of the programme enables students enrolling on the programme to combine studying while in employment.

Proposed modules:

(Indicative list, may vary year by year):

- Food Chemistry
- Introduction to Nutrition
- Food Process Technology
- Nutrition in the Life Cycle
- Principles of Biochemistry
- Chemistry of Nutrients
- Sensory Science
- Pathways to Health
- Public Health Nutrition
- Food Microbiology
- Food Regulatory Affairs
- Promoting Consumer Nutrition
- Sport and Exercise Nutrition
- Nutritional Physiology
- Project

Why study at UCD?



Graduate Education

12,000 graduate students; 17% graduate research students; structured PhDs



Global Careers

Dedicated careers support; 2 year stayback visa to work in Ireland



Global Profile

UCD is ranked in the top 1% of higher education institutions worldwide



Graduate Employability

Ranked no. 1 in Ireland in QS Graduate Employability ranking



Global Community

8,500 international students and 300,000 alumni network across 165 countries



Welcoming Campus

Modern parkland campus with 24 hr security. Wide range of facilities, clubs, societies and supports



Career Opportunities

Within the food industry graduates will work in areas such as product innovation, technical sales, product quality enhancement with the distinct advantage of bringing a nutrition/health perspective to each of these roles. Within public health and regulatory agencies graduates will work in the areas of nutrition and health promotion or food labelling and regulation.

The range of roles and careers that our graduates have progressed to has been very broad. This is principally due to the range of backgrounds our students originate from – including medicine, nursing, physiotherapy, sports nutrition, teaching, law, etc.

Graduates have progressed to further study including PhD research and Clinical Dietetic Graduate Programmes. Graduates have also progressed to Nutritionist roles securing personal accreditation with the AfN (Association for Nutrition).

Applicant Profile

- Applicants must hold Honours Bachelor degree NFQ Level 8 (or international equivalent) in a cognate subject.
- Applicants from unrelated disciplines have previously been accepted and prospective candidates are encouraged to contact the Programme Director to discuss their eligibility.
- Applicants with other awards who hold substantial relevant prior work experience will be considered and are advised to get in touch with the Programme Director to discuss further.
- This programme is accessible to candidates from a very broad range of primary degree backgrounds and draws students from across the world.

How will I learn?

The MSc Food, Nutrition and Health is delivered through the UCD online learning platform (Brightspace) and will consist of pre-prepared lecture material delivered online, videos and demonstrations by lecturers, interactive learning, discussion boards and virtual classroom environments.

For each 5 ECTS credit module earned students are expected to undertake about 125 hours of work, to include on-line activity and performing their own study. Students will be required to complete quizzes periodically so that progress can be monitored. Formative assessments will be used to help you develop and critically assess your own understanding of the material presented. All modules will have a high continuous assessment component. Students have access to a UCD Module Coordinator at all times.

An integral component of this programme is, despite its online design, the regular communications with the Programme Director and module coordinators. Programme participants will have opportunities to take part in virtual live classes throughout the teaching term, alongside hybrid events such as programme orientation. In addition, the programme team coordinate optional events for students such as online Careers evenings, in-person tours of our UCD Lyons farm, and the Institute of Food and Health seminar series.

Related Masters

- Food Regulatory Affairs
- Food Business Strategy
- Food Safety
- Sustainable Food Processing

Graduate Profile



Cathal Geeny
Graduate

My background is in pharmaceutical and biomedical devices but I have been passionate about health and nutrition for a long time. I've been considering trying to pursue a career in this area for some time but it just wasn't feasible. However, when I came across this programme I felt it could work as it allowed me to study and pursue my passion while working full-time. The MSc Food, Nutrition and Health was my first experience with online learning. I have been really impressed with how it works and feel it was delivered excellently. Lectures would be released online every week and that would allow me to watch my lectures and get up to date on the content at a time that suited me. In addition to this, we had a discussion board where we could ask any questions to our lecturers.

Overall, in terms of content covered I found it to be a brilliant mix of subjects. The programme covers the scientific detail while also addressing the role of food in the wider context. I now feel confident in progressing in my new career. I'm hoping to work in public health nutrition. This was an area that I developed an interest in over the duration of my studies.

CONTACT US

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FEES

Tuition fee information is available on
www.ucd.ie/fees

APPLY NOW

This programme receives significant interest so please apply early online at
www.ucd.ie/apply