



MSc Animal Science (Online) (One Year Full Time)



Introduction

The MSc in Animal Science is suitable for students who wish to undertake advanced studies in pursuit of a career in the livestock sector. This unique programme was designed after comprehensive consultation with leading stakeholders including animal nutrition and health industries. This new MSc aims to equip graduates with cutting edge skills and position them for leadership roles in a dynamic and critically important sector of the global economy.

This innovative programme enables students to focus their studies on specific aspects of animal science including genetics & genomics, reproduction, nutrition and health. For those with an enquiring mind, a deeper understanding

of scientific principles relevant to solving issues currently limiting system sustainability will be reflected in new modules developed for this MSc, including immunobiology, sustainable livestock and global food systems.

Flexible programme choices enable students to focus their studies on an area of specific interest for the development of deeper expertise or tailor their module choice for a broader selection. A key strategy of the MSc is to foster the development of communication and transferable skills to enable the student to best represent their skillset and become leading ambassadors for sustainable animal production systems.

Course Highlight

Leading Expertise

The MSc Animal Science has been designed in collaboration with Industry stakeholders and will be delivered by internationally renowned discipline experts. Guest lectures and new modules will showcase the latest developments in national and international research informed by innovative projects taking place at UCD Lyons Farm.



**Assoc Prof
Kieran Meade**
Programme Director

Programme Content and Structure

90 credits
taught masters

Modules include:

- Advanced animal reproduction
- Sustainable livestock systems
- Livestock Infection, Immunity and One Health
- Advanced Animal Nutrition
- Global Food Systems
- Animal Genomics & Quantitative Genetics
- Creative Thinking & Innovation
- Research Integrity Online
- Animal Products
- Food Quality and Safety
- Research Proposal module
- Communication & Agri-Innovation
- Animal Welfare and Society
- Equine Reproduction and Fertility

* Modules may be subject to change

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

There are a wide range of potential employment opportunities for graduates from this programme. Agriculture is a global enterprise and as such progressive individuals will identify the contribution this MSc can make across a wide range of career trajectories.

Graduate Roles:

- Further education including PhD programmes nationally and abroad
- Policy and advisory roles within governmental departments
- Policy, advisory and scientific roles within leading health, breeding, pharmaceutical and agri-food companies

Graduate View



Niamh Keane
Tirlán Milk Supply Manager

"...it was the variety and choice of modules, the online and flexibility for part time work that allowed you to complete it over 2 years. The workload was very manageable and group projects helped you to get to know others in the class and network. And it was really great value for money compared to international programmes.

I have a BSc in Animal and Crop Production and even with that background, I was surprised by how much knowledge I gained learning about global foods, international markets, other cultures etc. This is particularly relevant for me working in Tirlán as it is such a Global organization.

I also feel that the MSc in Animal Science gave me the technical knowledge and helped future proof my career in terms of opportunities that may come along. I would highly recommend the course to anyone who is thinking about pursuing it."

Applicant Profile

- Applicants must hold a minimum of a second class honours degree in a related science discipline.
- Mature candidates have previously been accepted on the basis of relevant experience and prospective candidates are encouraged to contact the Programme Director to discuss their eligibility.
- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent.

Fees and Scholarships

Tuition fee information is available on www.ucd.ie/fees. Please note that the costs of travel and subsistence for some fieldwork modules are borne by the student.

UCD offers a number of graduate scholarships for full-time, self-funding international students, holding an offer of a place on a UCD masters programme. Please see www.ucd.ie/global/scholarships for further information.

Related Masters

- MSc Agricultural Extension and Innovation (Online)
- MSc (Agr) Sustainable Agriculture and Rural Development
- MSc Environmental Resource Management
- MSc Food, Nutrition and Health (Online)

CONTACT US

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APPLY NOW

This programme receives significant interest so please apply early online at

www.ucd.ie/apply