

### **Student View**

#### **Niall Barlow**

I initially chose Animal Science with hopes that I might enter the graduate veterinary medicine course or work in the animal health industry. However, during my time in the programme I found a love for the agricultural industry and how I could shape my home dairy farm into something I could be proud of. At first I had concerns about whether I would be able to complete the degree as a DARE student but throughout my time the staff were brilliant in accommodating any issues I had.

The research that UCD has ongoing at Lyons farm has always been something that has interested me whether it be the systems herd or the research into emissions and animal welfare so being able to go to and further my understanding with the people in charge was a huge draw for me.

PWE was highlight of my degree as I got to find a part of the industry I would like to work in and to explore other enterprises and systems. UCD has given me the tools to now look for work in advisory and education which I hope to continue doing with Teagasc.

# **Programme Pathway**

### **Animal Science**

**DN250** 

#### **Year 1 Subjects**

Animal Biology & Evolution
Introductory Chemistry
Mathematics for Agriculture
Physics for Agricultural Science
Agricultural Economics & Business
Information Skills
Introduction to Biomolecules
Cell & Plant Biology
Land use and Environment
Introduction to Animal Science
Introduction to Crop Science
Optional Modules

#### **Year 2 Subjects**

Genetics & Biotechnology
Animal Nutrition I
Applied Biostatistics
Business Management
Agricultural Microbiology
Soil Science Basics
Buildings & Environment
Agricultural Biochemistry
Health, Welfare and Safety
Elective Modules

#### Year 3 Subjects

Animal Reproduction
Animal Breeding
Animal Physiology
Animal Genomics
Food Microbiology
Exp Design & Data Analysis
Animal Nutrition II
Elective Modules
Principles of Animal Health and
Welfare
Professional Work Experience

#### Year 4 Subjects

Grass & Forage Production
Students visit UCD's Lyons
Research Farm to get hands-on
practical experience
Non-ruminant Animal Production
Farm Business Management
Professional Communications
Agricultural Policy
Beef Production
Sheep Production
Dairy Production
Elective Modules

### BAgrSc Honours

#### **UCD Graduate Study**

MSc Animal Science
MSc Humanitarian Action
MAgrSc Sustainable Agriculture
and Rural Development
MAgrSc Environmental Resource Mgt
MAgrSc Agricultural Extension
and Innovation
Walsh Fellowship Research
Opportunities
MSc and PhD by Research

#### **Career Opportunities**

Teacher/ Lecturer
Production Manager
Farm Manager
Journalism
Agricultural Consultant
Agricultural Inspector
Communications Manager
Embryologist

Nutritionist
Quality Assurance Officer
Technical Engineer
Policy Analyst
Government Official
Business Manager
Technical Sales Manager
Scientist

# Conversion or Complementary Courses

Professional Master of Education (PME)
Graduate Veterinary Medicine
MSc Business Studies
Master of Business Administration
HDip Computer Science
Master of Accounting

## **StudentView**

Laura Thompson | Student

Animal Science is a great degree choice for anyone who wants to study animals and keep a scientific background. I was originally hesitant to attend UCD as moving to Dublin meant I would be the only one from my school attending college here. However, the subjects offered, and the placement opportunity in third year, made it too attractive to pass up.

Being a member of AgSoc was an amazing opportunity to contribute to charity while meeting people from other years and the agricultural sector.

A highlight was PWE. My five months spent within different sectors were invaluable. Hands on experience made me more confident, and focused my passion for future studies, helped by lecturers who inspired me to pursue a PhD.

