



## Graduate View

**Megan Sheedy**

Having grown up surrounded by horses in the heart of Tipperary and being an active member of the Irish Pony Club and Riding Club Association, choosing Animal Science-Equine at UCD was a given for me.

During my 4 years at UCD I learnt about the theoretical and practical aspects of the equine industry through lectures and field trips. Classes included exercise physiology, nutrition and genetics and were delivered by experts that are passionate about this subject area. This course provided me with the foundation I need to pursue a career in the equine industry.

Outside of class I enjoyed engaging in college life and was an active member of AgSoc, RacingSoc and the Equestrian club. I completed my PWE in third year with the horse racing trainer Aidan O'Brien in Ballydoyle for which I was awarded the Grant Thornton Professional Work Experience award. During this time I gained practical experience riding and caring for racehorses during their racing career. I got an insight to the tremendous work and passion that goes into creating a successful racehorse. I was given the opportunity to learn about all aspects of it from riding out in the morning to working with water treadmills and pools in the evening. I thoroughly enjoyed my time there.

UCD has been unforgettable and has provided me with lifelong friends and memories.

Since graduation I completed the Irish National Stud Thoroughbred Breeding Management course and will shortly commence work for one of Australia's top trainers Chris Waller in Rosehill Sydney.



## Student View

**Larry Mulvany**

Having grown up in a family involved in the Irish Thoroughbred racing industry, choosing the Animal Science- Equine course at UCD was a natural progression for me. During my time at UCD, I have learnt about the theoretical and practical aspects of the equine industry through lectures and various field trips.

# Programme Pathway

## Animal Science - Equine

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 and Biotechnology
Animal Nutrition
Agricultural Microbiology
Soil Science Basics
Agricultural Biochemistry
Business Management
Equine Industries
Food Macronutrients
Applied Biostatistics
Health, Welfare & Safety
Elective Module

### Year 3 Subjects

Animal Reproduction
Animal Breeding
Animal Genomics
Animal Physiology
Agri-Env Issues & Policy
Equine Reproduction and Breeding Management
Scientific Writing & Review
Elective Module
Professional Work Experience

### Year 4 Subjects

Farm Business Management
Animal Health, Behaviour & Welfare
Equine Genetics
Equine Anatomy and Physiology of Exercise
Equine Nutrition
Grass & Forage Production
Agricultural Policy
Exp Design & Data Analysis
Professional Communications
Elective Modules

## BAgrSc Honours

### UCD Graduate Study

MAgrSc Sustainable Agriculture and Rural Development
Walsh Fellowship Research Opportunities
MSc and PhD Research Opportunities
MAgrSc Environmental Resource Mgt
MAgrSc Agricultural Extension and Innovation
MSc Food Safety & Risk Analysis
MSc Humanitarian Action
MSc Animal Science

### Career Opportunities

Equine Enterprise Management
Teacher
Marketing Manager
Equine leisure, recreation and tourism activities
Stud Management
Journalism
Lecturer

Equine Geneticist
Business Manager
Communications Manager
Technical Sales Manager
Equine Scientist
Government Official
Policy Analyst
Consultant

### 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
Darley International Student Programme