

Programme Pathway

Animal and Crop Production

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

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

Year 3 Subjects

Animal Reproduction
Pests and Parasites
Soil Science Applications
Plant Diseases - Biology
Professional Work Experience
Animal Breeding
Animal Nutrition II

Year 4 Subjects

Grass and Forage Production
Professional Communications
Practical experience at UCD's Lyons Farm
Non-ruminant Animal Production
Cereal Production
Farm Business Management
Root & Alternative Crop Production
Agricultural Policy
Beef Production
Dairy Production
Sheep Production
Elective Module

Graduate View

David Fogarty | Dairy Farmer

When I heard about Agricultural Science at UCD during 6th year at school, I was quietly confident that it was the 3rd level course for me. It would combine my main interests of Science, Agriculture & Business all-in-one. I studied Omnibus in first year and opted for Animal & Crop Production from there on.

PWE in 3rd year affords a great opportunity to get out and experience the Agri-sector for yourself. I was lucky to have worked with top-class farmers and progressive businesses during this period and it definitely helped me decide what direction I wanted to develop my career in after graduation.

After my four years at UCD, I decided I wanted to travel overseas and experience grass-based dairying in New Zealand. My UCD degree was instantly recognised by the farmer I applied to for a job. Spending 3 years farming in New Zealand firmly set my mind on dairying when I returned to Ireland. Since moving home, I have managed two large dairy farms in Kilkenny & Wexford. Looking back on my career to date, UCD gave me a solid foundation from which to build my future in the agricultural industry.

BAgrSc Honours

UCD Graduate Study

MAGrSc Agricultural Extension and Innovation
MAGrSc Sustainable Agriculture and Rural Development
MAGrSc Environmental Resource Mgt
MSc Crops and Green Energy
Walsh Fellowship Research Opportunities
MSc and PhD by Research

Career Opportunities

Agricultural Consultant
Teacher/Lecturer
Production Manager
Farm Manager
Journalism
Agricultural Inspector
Communications Manager
Project Management

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

Student View

Edel Cashman

Growing up on a dairy and poultry farm in Cork, I always had a keen interest in agriculture. Upon hearing about the Agricultural Science degree in UCD, I knew it was the programme for me. I entered through the omnibus route which offered fantastic flexibility to learn where my interest lay. In third year, I was awarded an industry sponsored scholarship towards the cost of my PWE. The experience gained on PWE is invaluable and has greatly benefitted both

my knowledge and my personal development. Being a member of AgSoc has been a huge part of my time in UCD, helping me to get to know my classmates, and the events organised by the society ensured each semester was one to remember. The combination of practical and theory-based learning in Stage 4, through lectures and field trips to UCD Lyons Farm has, I feel, prepared me very well for my entry into the Agri-Food industry. Due to a long-term illness, I had many dealings with the programme office, and I cannot praise them enough for their constant support, often going above and beyond to help me.