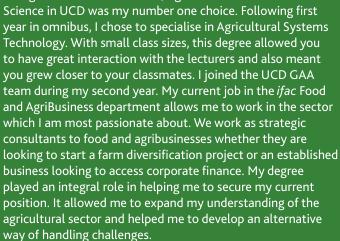


Graduate View

Oisín Gryson | Food and AgriBusiness, ifac

Growing up on a dairy goat farm, agriculture has always been one of my major passions in life. So, when it came to deciding which college course I wanted to do, Agricultural



My advice to anyone studying Agricultural or Food Science in UCD would be don't be afraid to try something different and step out of your comfort zone.

Programme Pathway

Agricultural Systems Technology

DN250

Year 1 Subjects

Animal Biology & Evolution
Introductory Chemistry
Mathematics for Agriculture
Physics for Agricultural Science
Agricultural Economics & Business
Information Skills
Biosystems Engineering
Design Challenge
Cell & Plant Biology
Optional Modules

Year 2 Subjects

Agricultural Eng Principles
Food Physics
Animal Nutrition
Soil Science Basics
Principles of Crop Science
Health, Welfare & Safety
Introduction to Programming
Food Macronutrients
Applied Biostatistics
Agricultural Microbiology
Elective Modules

Year 3 Subjects

Agri Mech: Engines and Crops
Agri Mech: Hydraulics & Component
Biosystems Eng Research Trends
Business Management
Grass & Forage Production
Numerical Methods for Agriculture
Sensors and Sensing
Applied Programming
Geographical Information System
Databases & Information Systems
Professional Work Experience

Year 4 Subjects

Capstone Project
Life Cycle Assessment
Waste Management
Quantitative Risk Assessment
Precision Livestock Mgmt
Optical Sensing Technology
Precision Agriculture
Farm Business Mgmt
Elective Module

BAgrSc Honours

UCD Graduate Study

MEng Food Engineering
MSc and PhD Research
MSc Food Safety & Risk Analysis
MSc Public Health
MAgrSc Sustainable Agriculture
and Rural Development

MAgrSc Environmental Resource Management

Career Opportunities

Technical Engineer
Teacher/Lecturer
Production Manager
Farm Manager
Operations Manager
Policy Analyst
Business Manager

Technical Sales Manager
Scientist
Environmental Consultant
Project Manager
Food Processing
Banker

Conversion or Complementary Courses

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

Students interested in progressing to the Agricultural Systems Technology degree through the omnibus route are advised to study Mathematics for Agriculture I (MATH10240) in Year 1.

Student View

Mark Tully

Choosing to study Agriculture Systems
Technology (AST) in UCD is the best decision I
have ever made. I grew up with a keen interest
in engineering, mechanisation and computer
science. Selecting AST allowed me to merge my
passion for learning about new technologies
with my background in agriculture.

My highlight in UCD was spending time with my classmates in the School of Agriculture and Food Science over the past four years. The welcoming and friendly student culture is unique to the School, and I'd have been lost without the support of my classmates in both AST and across the School of Agriculture and Food Science.

Overall, I think Agriculture Systems Technology has a huge part to play in the future of today's world, and I'd recommend this programme to anyone as a first class opportunity.

