

Programme Pathway

Sustainable Food Systems

DN261

Year 1 Subjects

Introduction to Chemistry
Information Skills
Mathematics for Agriculture I
Introduction to Sustainability
Land Use and the Environment
Introduction to Agricultural Economics and Business
Animal Biology and Evolution
Plants and People
Introduction to Sustainable Food Systems
Introduction to Animal Science
Food Diet and Health II - Making Healthy Food Choices
Elective

Year 2 Subjects

Applied Biostatistics
Food Systems - Industry
Social science, food culture and traditions
Soil Science Basics
Genetics and Biotechnology
Business Management
Principles of Crop Science
Sustainability Challenges and Solutions
Forests, Climate and Carbon
Health, Welfare & Safety in Agriculture
Sustainable Animal Production
Elective

Year 3 Subjects

Environmental Data and Modelling
The Circular Bioeconomy
Knowledge Transfer for Farm Innovation
Food Poverty and Policy
Agri-Environmental Issues and Policy
Professional Work Experience (industry)
Agrichemicals and the Environment
Climate, Carbon and Soil
Scientific Writing and Review
Sustainable food packaging and waste management
Elective

Year 4 Subjects

Life Cycle Assessment
Developments in Food Systems
Food Chain Integrity
Dairy and Meat Products
Precision Agriculture
Agri-Environmental Nutrient Management
One Health: Plants, Animals, Humans, Environment
Sustainability in the Human Diet
Sustainable Food Systems Project
Options and electives

BSc Honours

Career Opportunities

Sustainability managers	Agricultural or food production roles
Food policy analysts	Semi-state or government agencies
Sustainability advisers/ consultants	MSc Research and PhD Options