

FREQUENTLY ASKED QUESTIONS

What are the admission requirements?

Leaving Certificate Grade D3 at Ordinary or Higher level in five subjects including Mathematics and either English or Irish.

Holders of relevant NCVA/FETAC awards and mature students may also apply. Applications must be made through the CAO.

Please note: Students who successfully complete Year 2 of this programme (CR 023) and do not wish to progress to Year 3 will receive the Higher Certificate in Science in Agriculture.

What are the most helpful Leaving Certificate subjects for this course?

English, Mathematics, Biology, and Agricultural Science.

What standard of Mathematics is required for the course?

D3 or better at Ordinary or Higher Level. Some students who apply to CIT courses may not achieve the required entry standard in Mathematics through the Leaving Certificate. For such applicants, CIT offers a second chance to reach the required entry standard through a CIT Mathematics Exam. Please see www.cit.ie for more details.

Is there work placement in Ireland or abroad during the course?

At present, there is industrial placement in Year 2 for 15 weeks in the second semester. It will involve a set of agreed objectives for your placement, as well as the assistance of a person on site and a member of the academic staff at Teagasc Clonakilty Agricultural College or CIT.

Students can travel on work placement to international destinations like New Zealand, Australia, USA, or UK. It is a fantastic opportunity for students to travel and learn simultaneously. Placement can also be organised in Ireland.

AGRICULTURE

Agriculture is of major importance in the Irish economy. The agri-food sector contributes significantly to the GDP, employment and exports. Most Irish farms are family operated, with the farmer being the owner, manager and provider of much of the labour. This wide remit calls for a range of knowledge and skills.

AGRICULTURE AT CIT

This course is presented under a partnership arrangement between Cork Institute of Technology and Teagasc Clonakilty Agricultural College, Co. Cork.



ENQUIRIES TO

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BACHELOR OF SCIENCE (HONOURS) IN AGRICULTURE



ABOUT AGRICULTURE

The Bachelor of Science in Agriculture CR010 is unique in its mix of knowledge and skill in two normally distinct disciplines – science and business.

The production of animals and crops requires the application of science. It requires knowledge of biochemistry, biology and microbiology. Environmental protection, food safety and animal welfare measures must be observed at all stages of production. Farming also requires skills in animal handling and machinery operation.

Farming operates in a commercial world. The farmer, as a manager, must have business and economic knowledge, and be able to apply it to decision making. The students attend both Cork Institute of Technology and Teagasc Clonakilty Agricultural College throughout the course.

- In Year 1, students spend four days in Clonakilty and one day in CIT.
- In Year 2, the students spend two days in Clonakilty and three days in CIT.
- In Year 3, students spend three days in CIT and one day in Clonakilty.

The course develops farming, business and management skills to enable graduates to follow careers as successful commercial farmers or in the agribusiness sector. It will provide graduates with the skills they will need to be able to participate actively in policy decisions – whether they are local, regional or inter-national – which will influence their profession and its role in a modern economy.

FURTHER STUDIES

Suitably qualified graduates are eligible to apply for entry to the one year add-on
→ Bachelor of Science (Honours) in Agriculture.

Graduates of the programme can also pursue specialisations in Agriculture with other Higher Education Institutes in Ireland and overseas.

GRADUATE PROFILES

SAM SWEETNAM & ANDREW O'CONNELL TECHNICAL SALES AND ADVISORS

Sam graduated from CIT in 2010 and Andrew graduated in 2011 with a Bachelor of Science in Agriculture. Sam also completed an Honours degree in Agriculture with Business Studies from Aberystwyth University in Wales in 2011. They began work with Barrett Agri in 2011.



Sam's and Andrew's work involves meeting new and existing customers on a daily basis. They each have over 300 customers in Cork, Kerry, and Limerick. Their work includes developing new products for farmers, recommending animal nutrition solutions and walking crops recommending the best agronomy solutions for farmers growing a variety of crops. Research and development is also a major factor in their work as new varieties of Maize and other crops are tried and tested to suit land and weather conditions in the Munster region in conjunction with Pioneer and other seed companies worldwide.

“As agriculture is a diverse industry involving science and business, CIT and Teagasc Clonakilty Agricultural College are able to satisfy the requirements for progressive young farmers and people involved in the industry by offering a course containing modules covering topics including Business, Finance, Law and Science as well as key practical skills for running a successful farm enterprise,” stated Sam Sweetnam.

BSc in Agriculture CR 010

YEAR 1

Semester 1 (Sept – Dec)

Creativity, Innovation & Teamwork
Land Finance and Policy 1
Land Mechanisation
Animal Management 1
Crop Science 1
Biology

Semester 2 (Feb – May)

IT & Maths
Land Finance and Policy 2
Agricultural Mechanisation
Animal Management 2
Crop Science 2
Food Science

YEAR 2

Semester 3 (Sept – Dec)

Marketing Principles and Practice
Land Business Management
Animal Physiology/Nutrition
Animal production
Food and Environmental Science
Electives
Consumer Behaviour, Foundation
Fabrication
Market Gardening
Free Choice Module

Semester 4 (Feb – May)

Work Placement

YEAR 3

Semester 5 (Sept – Dec)

Agri Financial Management 1
Selling & Sales
Irish Legal System
Management Concepts and Practice
Protecting Rural Environments
Electives
Bioprocessing
Human Resource Management
Food Science 2
Free Choice Module

Semester 6 (Feb – May)

Agri Financial Management 2
Agribusiness Enterprise
Contract & Tort Law
Quality Management Systems I
Environmental Sc. & Ind. Hyg.
Electives
Greenhouses, Soils & Media
Sustainable Agriculture
Free Choice Module

YEAR 4 (Add on Honours Degree)

Semester 7 (Sept - Dec)

Strategic Finance for Agribusiness
Agribusiness Innovation
Project - Research Phase
Electives
Animal Health & Welfare
Animal Breeding
Science of Food & Healthcare
Food Processes
Free Choice Module
Marketing Research 1
Research Skills

Semester 8 (Feb - May)

Strategic Agribusiness
Agribusiness Supply Chains
Nutrition and Health
Project
Electives
Sustainable Forage Production
Reg. Affairs and Compliance