



Agricultural Science

Course Content

Leaving Certificate Applied Science involves the study of the science and technology through the lens of Agricultural Practices.

The LC Ag. Science course is broken into 4 main strands:

1. Scientific Practices
2. Soils
3. Crops
4. Animals

Throughout the course you will complete 20 Specified Practical Activities. They will help inform your IIS project and will be assessed in your final exam.

Assessment

25% Coursework- Individual Investigative Study (IIS)

- Develop a research question linking into the given theme. The theme is released in October of 5th Year.
- Design an experiment to investigate your research title

75% Final Examination

- **Short Questions:** Short, MCQ style questions
- **Structured Questions:** Each question links to one topic of the course. Experiment questions come up here.
- **Synoptic Questions:** Questions create linkage across all various of the course.

A person wearing a blue jacket is holding a green plant stem. The background is a blurred outdoor setting with green grass and a clear sky.

This course would suit somebody who:

- Has an interest in agriculture, food production and the environment.
- Enjoys experiment work.
- Enjoys independent research and collating information.
- Can interpret data and apply their knowledge to given situations

Cross-Curricular Links - Biology and Geography

- **Biology:** Nutrition, Body Systems, Genetics, Plant Structure
- **Geography:** Soils, Agricultural Practices, Conservation and Biodiversity



Further Education

BSc (Hons) in Agricultural Science

- UCC & Teagasc Moorepark
- SETU & Teagasc Kildalton
- UCD & Teagasc Moorepark/Kildalton Specialism in Dairy Business

BSc (Hons) in Agriculture

- DKIT & Teagasc Ballyhaise, MTU Tralee/Cork & Clonakilty