# Sustainable Food Production and Land Use (subject to approval)

Scotland`s Rural College (SRUC)

## Venues

Barony Campus

## Content

Our food production systems must change substantially if agriculture is to achieve zero net greenhouse gas emissions, whilst feeding the growing global population and halting the decline in biodiversity.

This applied biology degree explores efficient and sustainable agricultural systems that regenerate soils, enhance biodiversity and release land for forestry and woodland, renewable energy generation, and biomass production for a rural bioeconomy. Studies include the latest approaches to improve the yields, nutritional value and stress-resilience of crops, as well as food product innovations from insects, plants and cell cultures.

Graduates will be well equipped to support the agricultural industry as it rises to the challenges ahead.

Content includes: Agroecosystems; Energy and Environment; Crop Metabolism; Productivity and Resilience; Innovations in Food Production Technology; Forestry and Woodland Systems and Bioresources for a Low-carbon Economy.

## Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

BSc/BSc Hons

## UCAS Code

D702

## Course Length

3-4 years

## Department

Environment, Conservation and Sustainability

## Entry Requirements

4 Highers at BBCC including Geography or a science subject plus National 5 English and Maths

## SCQF Level

9/10

## Website

www.sruc.ac.uk