

## Applied Biological Science (in conjunction with the University of Stirling) (2nd Year Entry)

Forth Valley College

### Venues

Falkirk Campus

### Content

The BSc Honours Degree in Applied Biological Sciences offers interdisciplinary training in areas that are key to contemporary biological science including animal and plant biology and biotechnology. Much of the focus is on cellular and molecular aspects of biological science with particular emphasis on the development of practical skills.

The degree is taught jointly at Forth Valley College and the University of Stirling and also received input from employers across the Scottish life sciences community. The result is a programme which delivers highly skilled and work ready graduates.

Classes for the first year of this course will be delivered at Forth Valley College's campus in Falkirk.

Year 1:

DNA Molecular Techniques; Microbiological Techniques; Immunological Techniques; Protein Structure and Function; Applied Biological Sciences: Graded Unit 2; Mathematics for Science 1; Animal Biology; Plant Biology; Quality and Health & Safety Systems in Science Industries; Animal and Plant Cell Culture: An Introduction; Instrumental Techniques; Ecology and Ecosystems.

Year 2:

Microbiology; Animal Physiology; Enzymes and their Applications; Animal Cell Biology; Applied Immunology; Industrial Experience Placement.

Year 3:

Honours Project; Systems Biology; Molecular Evolution; Phylogenetics; Molecular Techniques; Cell Birth/Life/Death; Genetic Engineering for the Future.

### Start Date

August

### Qualification

Degree

### Study Method

Full time

## Award Title

BSc Hons

## Course Length

3 years

## Department

Science

## Entry Requirements

HNC Applied Biological Science or other relevant HNC. Entry subject to assessment and interview.

## SCQF Level

10

## Address

Grangemouth Road  
Falkirk  
FK2 9AD

## Website

[www.forthvalley.ac.uk](http://www.forthvalley.ac.uk)