



Course Choice Information – Biology

Advanced Higher

Course Information & Content

The advanced higher biology course is comprised of the following 3 units:

1. Cells and Proteins

The key areas covered are: ♦ laboratory techniques for biologists ♦ proteins ♦ membrane proteins ♦ communication and signalling ♦ protein control of cell division

2. Organisms and Evolution

The key areas covered are: ♦ field techniques for biologists ♦ evolution ♦ variation and sexual reproduction ♦ sex and behaviour ♦ parasitism

3. Investigative Biology

The key areas covered are: ♦ scientific principles and process ♦ experimentation ♦ reporting and critical evaluation of biological research

Assessment

SQA assessment:

A final exam of 2 question papers worth 100 marks. This takes 3 hours.

An advanced higher project which is worth 30 marks. This requires around 20 hours of work and is sent away to be marked externally by the SQA.

In class assessment:

Pupils will be assessed on each unit with mid-unit and end of unit written assessments which will measure their progress throughout the course.

Homework

Pupils will be provided with a variety of regular homework exercises. These will include past paper questions, revision tasks etc.

Progression

Higher Education.

Career Options

Agriculture | Biochemistry | Biomedical Engineer | Biotechnology | Dentist/ Dental Hygienist | Dietician or Nutritionist | Geneticist/ genetic councillor | Marine Biologist/Zoologist | Medicine | Midwifery | Nursing | Paramedic | Pharmacist | Physiotherapist | Sports scientist | Veterinarian

[Further Information - SQA](#)

