

# Human Biology

## SCIENCES



### Content

The course includes the following areas of study:

- Human cells
- Physiology and health
- Neurobiology and immunology



### Skills

Learners will be able to:

- apply knowledge and understanding of human biology
- understand human biology's role in scientific issues and relevant applications of human biology, including the impact these could make on society and the environment
- develop scientific inquiry and investigative skills and work independently
- develop scientific analytical thinking skills, including scientific evaluation, in a human biology context
- use technology, equipment and materials, safely, in practical scientific activities, including using risk assessments
- plan and problem-solve in a human biology context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices



### Opportunities for Learners

Learners will be able to:

- investigate the applications of human biology
- acquire a deeper understanding of cellular processes, physiological mechanisms, communication between organisms, and the biology of populations as they apply to the human species
- apply skills and knowledge to experiments and practical investigations
- adapt their learning to new situations
- make decisions based on evidence
- evaluate the impact of science developments on their own health and wellbeing, society and the environment



### Assessment

- The course will be assessed through two question papers (exams) and an assignment, which will be marked by SQA and graded A to D.
- The question papers make up 80% of the total assessment mark.
- The assignment mark is scaled to make up 20% of the total assessment mark. The topic is chosen with guidance from the teacher/lecturer and must involve experimental work.



**Question Paper 1** Multiple choice questions

25 marks 40 minutes

**Question Paper 2** Restricted-response and extended-response questions

95 marks 2 hours 20 minutes

**Specimen Paper** [www.sqa.org.uk/pastpapers/findpastpaper.htm](http://www.sqa.org.uk/pastpapers/findpastpaper.htm)

**Assignment**

Two stages: research and report. The whole assignment is recommended to take 8 hours max and the report is written up under timed conditions.

20 marks 8 hours  
(of which, 2 hours max for the report stage)



**Progression** Higher courses can stand alone or follow on from National 5 qualifications and may lead to Advanced Highers, the Scottish Baccalaureate and a range of qualifications within Further and Higher Education.



For course information, specimen question papers and past paper guidance visit:

Higher Human Biology: [www.sqa.org.uk/sqa/47915.html](http://www.sqa.org.uk/sqa/47915.html)

Curriculum for Excellence Key Terms and Features Factfile

Education Scotland: <https://education.gov.scot/nationalqualifications>

Further Information for Parents and Learners Information on assessment, skills,

progression, revision resources and summaries of National Qualifications

[www.parentforumscotland.org](http://www.parentforumscotland.org)



the National Parent Forum of Scotland

[www.parentforumscotland.org](http://www.parentforumscotland.org)

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