

Biology Pathway

S3

BGE Biology

[Lab safety](#) (6 level 5 SQA credits)

Health: Health careers (3 level 5 SQA credits)

S4

National 5 Biology

[Mathematics for Science 2](#) (6 level 5 SQA credits)

S5

Higher Biology

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits) or [Fundamental chemistry](#) (6 level 5 SQA credits)

S6

Advanced Higher Biology

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits)

[Level 7 Science Baccalaureate](#)

Further study at University

- Biology
- Ecology
- Environment
- Health/ medicine

Biology/ science related career

- Pharmacologist.
- Biologist.
- Ecologist.
- Nature conservation officer..
- Forensic scientist.

Chemistry Pathway

S3

BGE Chemistry

[Lab safety](#) (6 level 5 SQA credits)

[Energy: Oil/ Gas Extraction](#) (3 level 5 SQA credits)

[Energy: Employability and careers](#) (3 level 5 SQA credits)

S4

National 5 Chemistry

[Fundamental chemistry](#) (6 level 5 SQA credits)

[Mathematics for Science 2](#) (6 level 5 SQA credits)

S5

Higher Chemistry

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits)

S6

Advanced Higher Chemistry

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits)

[Level 7 Science Baccalaureate](#)

Further study at University

- Chemistry
- Medical/ Health courses
- Engineering and technology
- Chemical engineering

Chemistry/ science related career

- Chemistry Teacher.
- Hazardous Waste Chemist.
- Materials Scientist.
- Pharmacologist.
- Toxicologist.

Physics Pathway

S3

BGE Physics

[Lab safety](#) (6 level 5 SQA credits)

[Energy: Conventional technologies](#) (3 level 5 SQA credits)

[Energy: Employability and careers](#) (3 level 5 SQA credits)

S4

National 5 Physics

[Mathematics for Science 2](#) (6 level 5 SQA credits)

S5

Higher Physics

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits) or [Fundamental chemistry](#) (6 level 5 SQA credits)

S6

Advanced Higher Physics

Wider Achievement [Experimental Procedures](#) (6 level 6 SQA credits)

[Level 7 Science Baccalaureate](#)

[Advanced Higher Mechanics of Mathematics](#)

Further study at University

- Physics
- Medical/ Health courses
- Engineering
- Maths and Physics

Physics/ science related career

- Astrophysics
- Renewable/ nuclear energy
- Health physics
- Engineering

Applied Science Pathway

S3

BGE Applied Science

[Lab safety](#) (6 level 5 SQA credits)

S4

National 5 Energy

or

National 5 Laboratory Science

or

National 4 Science

S5

Level 6 NPA Scientific technologies

S6

HNC Applied Sciences (college)

NQ Level 6 Applied science (college)

Further study

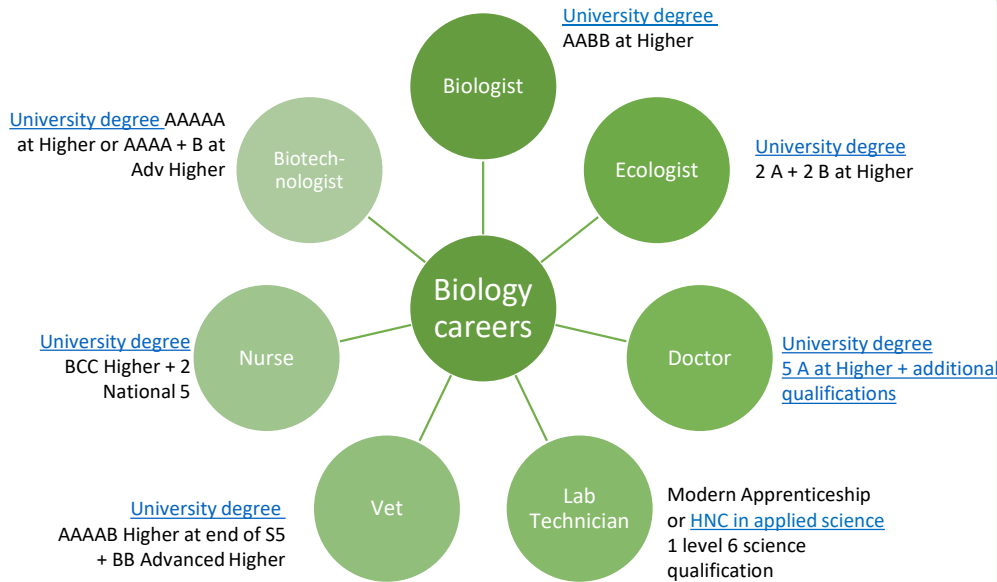
Apprenticeship

Careers

Science related career

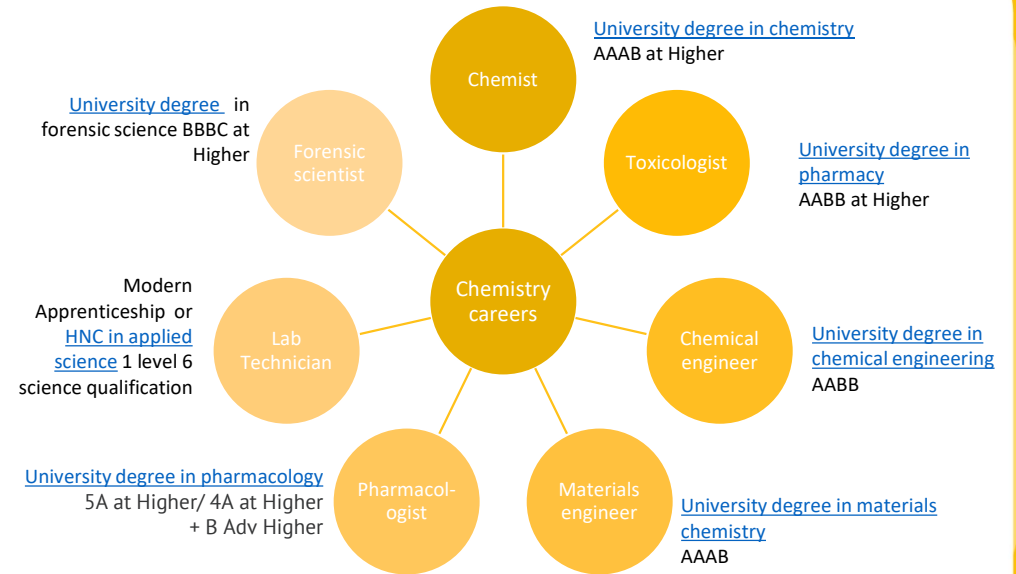
- Biology/ Health
- Climate Science
- Laboratory science
- Energy
- Construction

Biology careers – Click on the circles to find out more



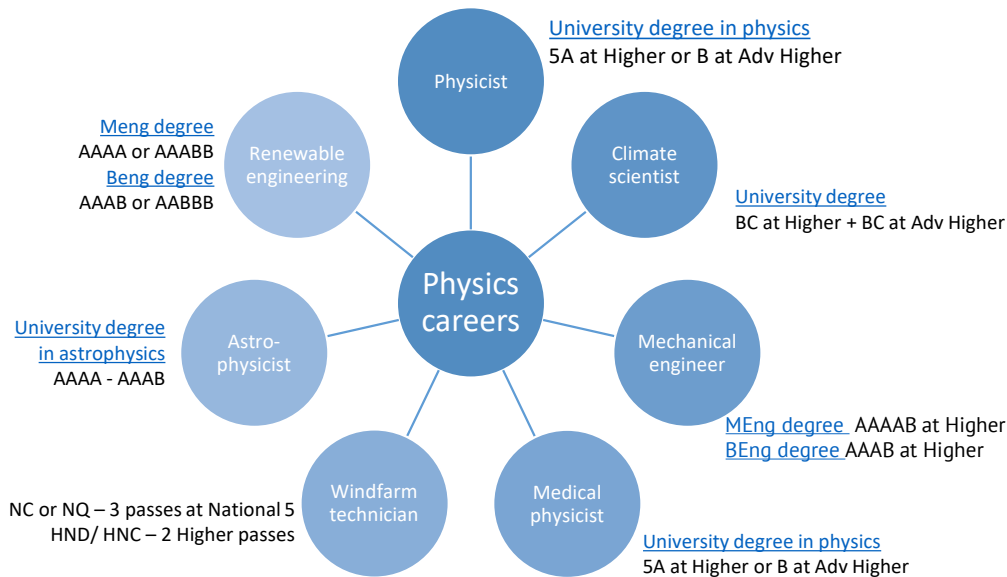
https://www.rsb.org.uk/images/Becoming_a_Biologist_Degrees_and_Careers_in_Biology.pdf
https://www.rsb.org.uk/images/pdf/Bioscience_Career_Resources_for_Schools_update.pdf

Chemistry careers – Click on the circles to find out more



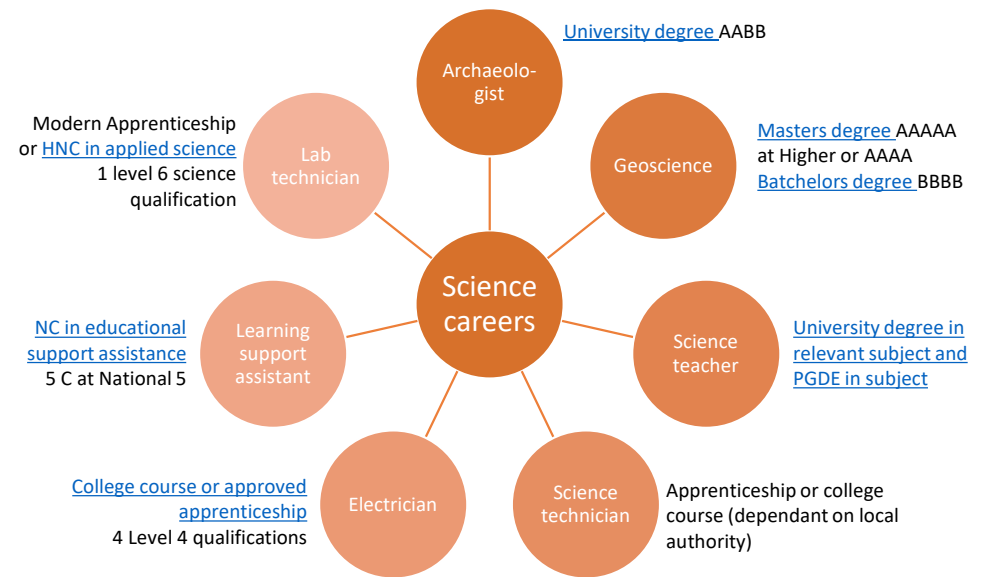
<https://nationalcareersweek.com/your-pathways-to-a-career-using-chemistry/>
https://d1ymz67w5raq8g.cloudfront.net/Uploads/e/k/z/chemistryworkforce_391796.pdf

Physics careers – Click on the circles to find out more



<https://www.iop.org/careers-physics/your-future-with-physics/career-paths>

Science careers – Click on the circles to find out more



[Science and research | Explore careers \(nationalcareers.service.gov.uk\)](https://nationalcareers.service.gov.uk/)