

Science and Mathematics Course and Career Planner

Key:

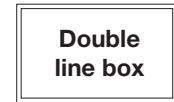
Progression route



Accelerated progression route



Academies/
Community Classes



College courses



School College Partnership courses



Courses share progression options



This planner shows possible routes of progression. For full entry requirements for each course, always check online.



Potential Career Opportunities

Equivalent to National 4s

SCQF LEVEL

4

National 4:
Mathematics
(Part-time or
Distance Learning)

Get Ready for
National 5:
Mathematics
(Part-time)

Equivalent to National 5s

SCQF LEVEL

5

National 5:
Mathematics
(Part-time or
Distance Learning)

National 5:
Physics

National Certificate:
Applied Sciences

National 5:
Biology
(Part-time)

Biomedical support worker,
laboratory technician, Modern
Apprentice

Equivalent to Highers

SCQF LEVEL

6

Higher:
Mathematics
(Part-time or
Distance Learning)

Higher:
Physics

National Certificate:
Applied Sciences

Advanced
Certificate: SWAP
Access to Health and
Life Sciences

Preparation for
Higher: Human
Biology
(Part-Time)

Foundation
Apprenticeship:
Scientific
Technologies
(Laboratory Skills)
(School College
Partnership)

Biomedical support worker,
laboratory technician, Modern
Apprentice

Equivalent to Year 1 at
University and Advanced Highers

SCQF LEVEL

7

Professional
Development Award:
Laboratory Science/
HNC: Applied
Science
(School College
Partnership)

HNC: Applied
Sciences
(Biology)

Modern
Apprenticeship:
Laboratory &
Associated Technical
Activities

Modern Apprentice,
biomedical support worker
band 3 any discipline,
laboratory technician, research
assistant

Equivalent to Year 2
at University

SCQF LEVEL

8

HND: Applied
Biological Sciences

Technical Apprentice,
biomedical support worker
band 4, laboratory technician,
laboratory assistant (research
and diagnostic)

Equivalent to Year 3
at University

SCQF LEVEL

9

Articulation to university*

Articulation routes for direct entry to years 2 or 3 of a related degree exist for degree courses at Abertay University, Edinburgh Napier University, Heriot-Watt University, Queen Margaret University, the University of Aberdeen, the University of Dundee, the University of Edinburgh, the University of the Highlands and Islands, Robert Gordon University, the University of St Andrews, and the University of the West of Scotland on successful completion of an HNC or an HND. Please see our website for further information.



*An Articulation Route is a pathway between an HNC or HND and a degree programme, agreed between a college and a university.
HNC = Higher National Certificate, HND = Higher National Diploma