

## Combined Science IGCSE

### Summary

Open up a world of discovery and gain a broad introduction to the scientific thinking, key ideas and applications of biology, chemistry and physics. From the human circulatory system to an explanation of how a rainbow is made, this qualification explores a captivating world of discovery. Find out the fascinating way that biology, chemistry and physics work together as you make connections across these disciplines.

Exams usually take place in June. Before making your application, please speak to PET or your education department to find out if your prison can hold GCSE or IGCSE exams. Alternatively, you might be able to take the exams on Release on Temporary Licence (ROTL) or after your release.

### Course Provider

National Extension College (NEC)  
Woolpack House, 70 High Street, Sawston CB22 3HJ  
01223 400200 | [www.nec.ac.uk](http://www.nec.ac.uk)

### Qualification Accreditation

Cambridge International Education (CIE)

### Academic level

Level 2

### PET entry requirements

Level 2 English

### Format of course material

Paper-based

### Structure of course

The subject content is divided into three sections: Biology (B1-B16), Chemistry (C1-C12) and Physics (P1-P5).

#### Biology

B1 Characteristics of living organisms

B2 Cells

B3 Movement into and out of cells

B4 Biological molecules

B5 Enzymes

B6 Plant nutrition

B7 Human nutrition

B8 Transport in plants

B9 Transport in animals

B10 Diseases and immunity

B11 Gas exchange in humans

B12 Respiration

B13 Drugs

B14 Reproduction

B15 Organisms and their environment

	<p>B16 Human influences on ecosystems</p> <p>Chemistry</p> <p>C1 States of matter</p> <p>C2 Atoms, elements and compounds</p> <p>C3 Stoichiometry</p> <p>C4 Electrochemistry</p> <p>C5 Chemical energetics</p> <p>C6 Chemical reactions</p> <p>C7 Acids, bases and salts</p> <p>C8 The Periodic Table</p> <p>C9 Metals</p> <p>C10 Chemistry of the environment</p> <p>C11 Organic chemistry</p> <p>C12 Experimental techniques and chemical analysis</p> <p>Physics</p> <p>P1 Motion, forces and energy</p> <p>P2 Thermal physics</p> <p>P3 Waves</p> <p>P4 Electricity</p> <p>P5 Space physics</p>
<b>Assignments</b>	9 written assignments
<b>Exam</b>	3 invigilated, closed book exams (45 minutes; 75 minutes; 60 minutes)
<b>Study hours</b>	150
<b>Course expiry date</b>	18 months
<b>Prison support requirements</b>	Facilitate tutor support via email. This often requires scanning learner assignments and email them to their tutor.
<b>Supplier tutor's support</b>	Yes - accessed with prison staff support
<b>Certificate</b>	On successful completion of the exam, you will receive an IGCSE certificate.
<b>Progress</b>	There are range of possible progression options including A-Levels and an Open University Access course in Science, Technology and Maths. Call our free Advice Line on 0800 048 7520 on Tuesdays (10-12pm and 2-4pm) and Thursdays (10am-12pm and 2-6pm).