CHEMISTRY

Exam Board: OCR A
Entry Requirements: Grade 7 in Triple Chemistry, Grade 8-8 in Combined Science, Grade 6 in Maths and English Language

COURSE SUMMARY

As well as being fundamental in our daily lives Chemistry is a key subject in Science. In different areas it overlaps with Biology and Medicine, with Physics, Geology and Earth Sciences.

OCR A Chemistry has a content-led approach. A flexible approach where the specification is divided into topics, each covering different key concepts of chemistry. Teaching of practical skills is integrated with the theoretical topics and they're assessed both through written papers and, for A level only, the Practical Endorsement.

COURSE STRUCTURE

Module 1 - Development of practical skills in chemistry
Module 2 - Foundations in chemistry
Module 3 - Periodic table and energy
Module 4 - Core organic chemistry
Module 5 - Physical chemistry and transition elements
Module 6 - Organic chemistry and analysis

Component 01 assesses content from module 1, 2, 3 and 5.
Component 02 assesses content from modules 1, 2, 4 and 6.
Component 03 assesses content from all modules (1 to 6)

Assessment

Periodic table, elements and physical chemistry
2.15 hrs 100 marks
37% of A level

Synthesis and analytical techniques
2.15 hrs 100 marks
37% of A level

Unified chemistry
1.5 hrs 70 marks
26% of A level

Practical endorsement in chemistry
Reported separately

CAREER CHOICES

Possible career and course options available to you and your A-level chemistry qualification include: medicine, pharmacy, veterinary science, chemistry, biochemistry, food science/nutrition, forensic science, biological/engineering careers, optometry, microbiology, natural sciences, pharmacology, software engineering and physiology.