Chemistry

Entry Requirements:

Compulsory requirements: A* or A in Chemistry, CXC Grade 1 in Chemistry, AA in coordinated science (double award). Desirable to have Grade 1 in Maths.

Overview:
With less emphasis on factual material, the Chemistry course focuses on understanding and application of scientific concepts and principles. The course aims to provide, through well-designed studies of experimental and practical chemistry, a worthwhile educational experience for all students, whether or not they go on to study beyond pre-university level.

Course Content:
- Section 1: Inorganic Chemistry
- Section 2: Physical Chemistry
- Section 3: Organic Chemistry
- Section 4a: The Chemistry of Life
- Section 4b: Design and Materials

Assessment:
Students follow a staged assessment route by taking the Advanced Subsidiary (AS) qualification in the first year. At this stage students write three external examinations (Papers 1, 2 and 3). Subject to satisfactory performance in the AS examinations, students pursue a further year’s study (A2) leading to a full A Level. At the end of the second year students write two external examinations (Papers 4 and 5).
- Paper 1: Multiple-choice
- Paper 2: AS structured questions
- Paper 3: Advanced Practical Skills
- Paper 4: A2 structured questions
- Paper 5: Planning, Analysis and Evaluation