



*"I realised it was like a dating agency: the ions are the lost souls looking for mates; the electrolyte is the agency that can help them find each other"*

*Victoria Finlay, Jewels: "A Secret History"*

### Entry Requirements

A minimum of grade 4 in Maths and an English plus at least 3 other GCSEs at grade 5

### Subject Specific Requirements

Grade 6 in Chemistry/ Combined Science and Grade 5 in Maths

### About the Course

#### A Level Chemistry A: Course Overview

Chemistry A is split into six modules combined with the Practical Endorsement, constitutes the full A Level. The modules can be summarised as:

**Module 1: Development of Practical Skills**

**Module 2: Foundations in Chemistry**

**Module 3: Periodic Table & Transition Metals**

**Module 4: Core Organic Chemistry**

**Module 5: Physical Chemistry & Transition Metals**

**Module 6: Organic Chemistry & Analysis**

### Assessment

#### **Module 1:** Development of Practical Skills

This module underpins the whole of the specification, and covers the practical skills that students should develop throughout the course. The practical skills in this module can be assessed within written examinations and within the Practical Endorsement.

#### **Module 2:** Foundations in Chemistry

This module covers the fundamental concepts required throughout the remaining modules.

#### **Module 3:** The Periodic Table & Energy

#### **Module 4:** Core Organic Chemistry

#### **Module 5:** Physical Chemistry & Transition Elements

#### **Module 6:** Organic Chemistry & Analysis

#### **ASSESSMENT at A Level:**

A Level Paper 1 (37%) assesses the content from Modules 1,2,3 and 5

A Level Paper 2 (37%) assesses the content from Modules 1,2,4 and 6

A Level Paper 3 (26%) assesses the content from Modules 1 to 6.

### Future Applications

*Chemistry is an essential requirement for medicine, veterinary, dental, nursing and many other health related degrees. It is also necessary for careers in the chemical, pharmaceutical and materials industries. Many chemistry graduates pursue careers in marketing, banking, journalism, law, accountancy and many other sectors.*

### Alumni

Jacob - Medicine (UEA), Iveta - Chemical engineering (Loughborough), Rapik (IV) - Pharmacy (QEH Apprenticeship)