

# Edexcel A Level Chemistry

## Paper 1 & Paper 2 Masterclass Programme – Year 13

Led by Ms Ragi Marmar – Edexcel Approved Examiner | Qualified Teacher (QTS) | DBS Checked

### Programme Overview

This intensive masterclass programme is designed exclusively for Year 13 students studying Edexcel A Level Chemistry and aiming for A/A\*.

The programme consists of two focused 2-hour sessions covering Papers 1 and 2, targeting the most intellectually demanding areas of the specification alongside the analytical precision required to secure top-band responses.

Sessions are academically rigorous and strategically structured to deepen conceptual understanding, address high-level misconceptions, refine extended responses, strengthen advanced quantitative problem solving and develop confident mechanistic and analytical reasoning.

This is a complete written examination preparation programme, designed to convert strong subject knowledge into disciplined, high-performance exam execution.

### Structure & Delivery

- Wednesday 15th April – Paper 1 (12:00–2:00pm)
- Thursday 16th April – Paper 2 (12:00–2:00pm)
- Delivered live online via Zoom
- Students attend both sessions as a complete programme
- Selective cohort of 8 students

### Paper 1 – Advanced Physical & Inorganic Chemistry

- Amount of substance and multi-step calculations
- Energetics, entropy and feasibility ( $\Delta G$ )
- Kinetics and rate equations
- Equilibrium and quantitative treatment
- Redox and electrochemical cells
- Periodicity and transition metal chemistry

## Paper 2 – Advanced Organic Chemistry & Analytical Deduction

- Reaction mechanisms in depth
- Carbonyl and aromatic chemistry
- Amines and synthesis pathways
- Multi-step synthetic planning
- IR, MS and NMR interpretation
- Structure determination questions

### Investment

Full 4-hour A Level Masterclass Programme (Paper 1 & 2): £360

This is delivered as a complete examination preparation programme. Students are expected to attend both sessions.

### Enrolment & Booking

Confirmed enrolment and payment must be received by Monday 9th March.

Places are strictly limited and allocated on a first-come, first-served basis.

The programme will run subject to a minimum enrolment of 4 students. In the unlikely event that minimum numbers are not met, the programme will not proceed and a full refund will be issued promptly.

### Booking & Enquiries

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