

First Year Practical Schedule

<u>Week</u>	
06/10/2025	<u>Orientation Practical</u>
13/10/2025	<u>Experiment 3</u> An experiment in volumetric analysis - sodium hydroxide against hydrochloric acid
20/10/2025	<u>Experiment 4</u> A standard solution in volumetric analysis
27/10/2025	<u>Experiment 5</u> Determination of the basicity of sulfamic acid
03/11/2025	<u>Experiment 7</u> Finding the enthalpy of solution
10/11/2025	<u>Experiment 8</u> Finding the enthalpy change of neutralisation
17/11/2025	<u>Experiment 9</u> Investigation of the reactions of group II cations
24/11/2025	<u>Experiment 10</u> Investigation of the reactions of amphoteric metal cations
01/12/2025	<u>Experiment 6</u> Determination of the percentage purity of a sample of baking powder
09/12/2025	<u>Experiment 11</u> Investigation of the reactions of transition metal cations – Part I

Practical sessions will not be held on Monday 8th December, as it is a public holiday. The cycle will start on Tuesday 9th.

CHRISTMAS RECESS

First Year Practical Schedule

Experiment 12 05/01/2026
Investigation of the reactions of transition metal cations – Part II

Experiment 13 12/01/2026
Investigation of the reactions of anions Part I

Experiment 14 19/01/2026
Reactions of anions Part II

Experiment 15 26/01/2026
Identification of unknowns A, B, C, D and E

Experiment 16 02/02/2026
Identification of unknowns G, H, I, J and K

Practical sessions will not be held on the week starting 09/02/2026

Experiment 22 16/02/2026
Identification of inorganic unknowns Q, R, S, T.

Experiment 17 23/02/2026
Investigation of the stoichiometry of a reaction

Experiment 19 02/03/2026
Determination of the molar concentration of a copper(II) sulfate solution using titrimetry.

Experiment 18 09/03/2026
Comparison of the strengths of commercial bleaches

Experiment 25 16/03/2026
Preparation of an ester

Practical sessions will not be held on Thursday 19th March as it is a public holiday. The sessions will be held on Thursday 26th March.

EASTER RECESS

First Year Practical Schedule

Experiment 20

Identification of unknowns M, N, O and P.

13/04/2026

Experiment 23

Organic Compounds (Hydrocarbons and Alcohols) – Part I

20/04/2026

Experiment 24

Organic Compounds (Alcohols) – Part II

27/04/2025

Practical sessions will not be held on Friday 01st May as it is a public holiday. The sessions will be held on Friday 08th May.

End of Year Practical Test

A Titrimetric and Qualitative exercise

**Wednesday
13th May
2 – 5 pm**