

## School of Chemistry

### Aims and Objectives: Session 2023-2024, Semester 2

#### Module CH1402: Inorganic and Physical Chemistry 1

**Course Title:** Experimental Errors and Data Handling

**Duration:** 2 hours

**Lecturer:** Dr R. M. Smith

**Aims:** To understand types of experimental errors, error propagation and linear regression lines.

**Objectives:**

In a chemistry context, students should be able to:

- Determine types of experimental errors
- Use the relevant formulae, propagate the errors from experiments.
- Fit a linear regression line and understand the limitations of the model.