

Chemistry Short Course 2025

(Gold Coast campus)

17-21 February 2025

— Course Information —

The **Chemistry Short Course** is designed to help students prepare for further studies which involve chemistry. It is particularly helpful for those who have a weak or non-existent background in chemistry, and for those who have not studied chemistry for a long time.

The course is **introductory** in nature and it is assumed that those participating may have never studied chemistry before. Please note it does not meet Griffith's Chemistry prerequisite for admission to university. Rather, it is designed to give a head start to those students required to study chemistry as part of their degree program.

The **program** will cover a mixture of:

- a short description of each new chemistry topic via lectures
- problem solving sessions

The **five-day intensive course** (from 9:00am to 5:00pm each day) will involve approximately 35 contact hours spread over both large group lectures and small group (25 students maximum/tutor) tutorial sessions. This course is run in-person and on campus only. There is no recording and no online option.

The topics will include:

- The Nature of Chemistry
- The Language of Chemistry
- Chemistry and Matter
- Atomic Structure
- Atoms, Molecules and Ions
- The Periodic Table
- Chemical Equations
- Chemical Calculations - stoichiometry
- Acids and Bases
- Oxidation and Reduction

The course will be convened by Professor Richard John.

The cost of the course is \$225.00 and includes the Chemistry Companion textbook plus course notes and tutorial notes. Refund of fees will only be made if cancellation is 3 days prior to the course (i.e. Wednesday 12 February 2025). A \$10 administrative fee will apply to refunds. We do reserve the right not to offer the course should circumstances necessitate cancellation of the course, in which case a full refund will be paid.

The venue for the course is Griffith University, Gold Coast campus, Parklands Drive, Southport. Staff will meet students in the foyer of the Science 1 building (G24) at 8:45am on Monday 17 February 2025. Science 1 building (G24) is best approached by entering University Drive at the traffic lights on Parklands Drive and turning left onto Science Drive at the roundabout.

Any queries can be directed to School of Environment and Science office on (07) 5552 8064 or via email at shortcourses@griffith.edu.au.