

Chemistry

The School of Chemistry in the Faculty of Science offers three streams of first-year chemistry, which may be taken as part of the Bachelor of Arts degree.

Chemistry studies the structure and properties of matter; that is, it deals with atoms and molecules, how they react when combined, and identifies the energy changes during chemical reactions. When studied at the University of Melbourne, the role of chemistry in society and the physical environment is also discussed. First-year chemistry subjects cover areas such as atomic structure; the biosphere, geosphere and atmosphere; acids and bases; chemistry of metals; the molecules of life. Teaching involves lectures, tutorials and practical experiments and is complemented by a series of self-paced, interactive, computer-aided learning packages.

Faculty of Arts requirements

Students undertaking the Bachelor of Arts are permitted to enrol in a range of subjects offered by other faculties, but must complete a minimum of 50 points of first-year subjects in areas of study approved by the Faculty of Arts. See *Arts-approved subject requirement (p.4)* for more information.

BA combined course students are not permitted to enrol in these subjects for credit towards the arts component of the degree. Please consult a Faculty of Arts course adviser for more information.

Prerequisites

The 610-121 and 610-122 chemistry stream is an advanced stream and entry is by invitation. The 610-141 and 610-142 chemistry stream requires a sound knowledge of Year 12 Chemistry. 610-171 Fundamentals of Chemistry is designed for students who have not completed Year 12 Chemistry. The subject does, however, assume some knowledge of chemistry and basic principles.

For more information

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Subject descriptions

610-121 Chemistry (Advanced Studies Program)

See full subject details on page 2.

610-141 Chemistry

See full subject details on page 2.

610-142 Chemistry

See full subject details on page 2.

610-171 Fundamentals of Chemistry

See full subject details on page 3.

