Course

Analytical Chemistry: Essential Methods

CHEM2041

6 Units of Credit

This course teaches the essential methods in analytical chemistry applicable to chemists, biologists, and most other disciplines of science. The course covers methods for treating analytical data including estimation of uncertainties, chromatography and other separation techniques, the applications of spectroscopy (UV/Visible absorption, infrared, fluorescence, NMR and mass spectrometry) to analysis and electrochemistry including pH measurements. These analytical techniques will be applied to solving chemical structure problems and interesting applications of these techniques will be covered (e.g., gene and protein sequencing and metal speciation in environmental samples).
Faculty
Faculty of Science

School
School of Chemistry

Study Level
Undergraduate

Offering Terms
Term 1, Term 3

Campus
Kensington

Delivery Mode
Partially online

Indicative contact hours
6

Timetable
Visit timetable website for details
Conditions for Enrolment

Prerequisite: CHEM1011 or CHEM1031 or CHEM1051 or CHEM1811 or DPST1031 and CHEM1021 or CHEM1041 or CHEM1061 or CHEM1821 or DPST1032 and MATH1031 or MATH1041 or MATH1131 or MATH1141 or MATH1151 or MATH1231 or MATH1241 or MATH1251 or DPST1013 or DPST1014
Course Outline

To access course outline, please visit:

CHEM2041 Course Outline
**Fees**

**Commonwealth Supported Students**  $1170  
**Domestic Students**  $5760  
**International Students**  $5760

**DISCLAIMER**

Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty. Fees for courses delivered through UNSW Global are published and charged by UNSW Global and thus appear as "Not Applicable" on this site.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179