Overview

Chemistry is a science which deals with the design, synthesis, analysis and properties of molecules. The study of chemistry will appeal to those with an enquiring, analytical mind and good powers of observation and deduction.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School</strong></td>
<td>School of Chemistry</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
</tr>
<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>48</td>
</tr>
<tr>
<td><strong>Specialisation Type</strong></td>
<td>Minor</td>
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</tbody>
</table>
Available in Program(s)

Program(s) in which this minor is available

**Bachelor of Advanced Science (Honours) - BAdvSci(Hons)**

**3962 Advanced Science (Honours)**

Faculty: Faculty of Science  
Campus: Kensington  
Units of Credit: 192  
Typical Duration: 4 Years

**Bachelor of Science - BSc**

**3970 Science**

Faculty: Faculty of Science  
Campus: Kensington  
Units of Credit: 144  
Typical Duration: 3 Years
**Specialisation Structure**

Students must complete 48 UOC.

**Level 1 Core Courses**

Students must take 24 UOC of the following courses.

One of the following:
- **CHEM1011 | 6 UOC**
  Chemistry 1A: Atoms, Molecules and Energy

One of the following:
- **CHEM1031 | 6 UOC**
  Higher Chemistry 1A: Atoms, Molecules and Energy

One of the following:
- **CHEM1021 | 6 UOC**
  Chemistry 1B: Elements, Compounds and Life

One of the following:
- **MATH1031 | 6 UOC**
  Mathematics for Life Sciences

One of the following:
- **MATH1131 | 6 UOC**
  Mathematics 1A

One of the following:
- **MATH1141 | 6 UOC**
  Higher Mathematics 1A

One of the following:
- **MATH1041 | 6 UOC**
  Statistics for Life and Social Sciences

One of the following:
- **MATH1231 | 6 UOC**
  Mathematics 1B
MATH1241 | 6 UOC
Higher Mathematics 1B

**Level 2 Prescribed Electives**

Students must take at least 12 UOC, up to a maximum of 18 UOC of the following courses.

CHEM2011 | 6 UOC
Physical Chemistry: Molecules, Energy and Change

CHEM2021 | 6 UOC
Organic Chemistry: Mechanisms and Biomolecules

CHEM2031 | 6 UOC
Inorganic Chemistry: The Elements

CHEM2041 | 6 UOC
Analytical Chemistry: Essential Methods

**Level 3 Prescribed Electives**

Students must take at least 6 UOC, up to a maximum of 12 UOC of the following courses.

CHEM3011 | 6 UOC
Quantum Nature of Molecules - from Earth to Space

CHEM3021 | 6 UOC
Organic Chemistry: Modern Synthetic Strategies

CHEM3031 | 6 UOC
Inorganic Chemistry: Transition Metals and Complexes

CHEM3061 | 6 UOC
Chemistry of Materials
**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179