Industrial Chemistry for Chemical Engineers
CEIC2004 | 6 Units of Credit

Overview

This course covers the main aspects of applied chemistry in a context especially designed for chemical engineers. The course is divided into three main parts: inorganic chemistry and chemistry of elements, organic chemistry and petro-chemistry, chemistry in solution and colloid chemistry. The production of all main elements ranging from gases to metals is covered as well as their most important compounds. Key organic chemistry reactions will be illustrated to assist understanding the processes taking place in the industrial production of chemicals. We cover important petrochemical reactions starting from the refinery of oil to the production of some main chemicals in industry including the synthesis of polymers. Finally, we will focus particular aspects of chemistry in solution such as compound solvent interaction, the behaviour of particles and polymers in solution.
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<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
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<td><strong>School</strong></td>
<td>School of Chemical Engineering</td>
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<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
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<td><strong>Offering Terms</strong></td>
<td>Term 3</td>
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<td><strong>Campus</strong></td>
<td>Kensington</td>
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<td><strong>Indicative contact hours</strong></td>
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<td><strong>Timetable</strong></td>
<td>Visit timetable website for details</td>
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Conditions for Enrolment

Pre-requisites: CHEM1821 or CHEM1021 or DPST1032 or CHEM1041
Course Outline

To access course outline, please visit:

CEIC2004 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $5970
International Students  $5970

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)

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