Material and Energy Systems
CEIC2000 | 6 Units of Credit

Overview

In this course students will learn sufficient thermodynamics and problem solution strategies to be able to apply thermodynamic concepts with material and energy balances to chemical process problems involving several unit operations and involving chemical reactions. This will include study of the first and second law of thermodynamics, vapour liquid equilibria for pure components, heats of phase change, heats of reaction and example applications such as refrigeration and power plants. This course is part of the chemical engineering design stream and thus culminates in a significant design exercise.

Faculty
Faculty of Engineering

School
School of Chemical Engineering

Study Level
Undergraduate

Offering Terms
Term 1

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
7

Timetable
Visit timetable website for details
Conditions for Enrolment

Pre-requisites: PHYS1121 or PHY1131
Course Outline

To access course outline, please visit:

CEIC2000 Course Outline
## Fees

<table>
<thead>
<tr>
<th>Type</th>
<th>Fee</th>
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<tr>
<td>Commonwealth Supported Students</td>
<td>$1191</td>
</tr>
<tr>
<td>Domestic Students</td>
<td>$5970</td>
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<tr>
<td>International Students</td>
<td>$5970</td>
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### 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.

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