



Course

# The Chemistry of Catalysis, Systems and Biology

CHEM3071 | 6 Units of Credit

## Overview

Building on students' existing background in both organic and inorganic chemistry, this course provides an understanding of the parallels between the function of synthetic and biological molecules, including enzymes, when it comes to catalysis and the formation of complex and self-assembled structures through intermolecular (supramolecular) interactions. In this course you will learn about fundamental concepts and techniques in organic and organometallic catalysis, self-assembly supramolecular chemistry and the chemistry of biological assemblies and enzymatic catalysis.

**Faculty**

Faculty of Science

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**School**

School of Chemistry

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**Study Level**

Undergraduate

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**Offering Terms**

Term 3

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**Campus**

Kensington

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**Indicative contact hours**

8

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**Timetable**

[Visit timetable website for details](#)

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## **Conditions for Enrolment**

Prerequisite: CHEM2021 and CHEM2031

## **Course Outline**

To access course outline, please visit:

[CHEM3071 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.

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)

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