



Course

Environmental Toxicology

CHEM3901 | 6 Units of Credit

Overview

Environmental toxicology is concerned with the toxicological effects of environmental chemicals (both natural and anthropogenic) on living organisms. This course is an introduction to the field of environmental toxicology through the lens of a chemist.

In this course you will learn about;

- The classification and properties of toxic substances.
- The biological properties of important classes of chemical compounds.
- The Fate of xenobiotics in the human body, including detoxification and bioactivation.
- Chemical transformations of pollutants in the environment; air, water and soil pollution.
- The methods and processes of analysis of environmental pollutants at trace levels.

You will have opportunity to apply this knowledge by examining and critically assessing case studies and undertaking toxicological testing using analytical instrumentation in the laboratory.

Faculty

Faculty of Science

School

School of Chemistry

Study Level

Undergraduate

Offering Terms

Term 3

Campus

Kensington

Delivery Mode

Fully on-site

Indicative contact hours

8

Timetable

[Visit timetable website for details](#)

Conditions for Enrolment

Prerequisite: CHEM1011 or CHEM1031.

Exclusion Courses

IEST6907 | 6 UOC

Environmental Pollution, Risk and Health

SESC9751 | 6 UOC

Introduction to Environmental Science

CHEM7123 | 6 UOC

Environmental Toxicology

Course Outline

To access course outline, please visit:

[CHEM3901 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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