Overview

This course will provide students with an understanding of what nanotechnology is. Students undertake studies focusing on the major themes of Nanotechnology, e.g. bionanotechnology, nanostructured materials and Nanoelectronics. A major component of the course is the study of nanoscience and its application in nanotechnological devices, e.g. quantum computing, DNA chips, nanogears, quantum dots, DNA sequencing, nanoparticles, and biosensors. Students will have the opportunity to visit the NSW Nanofabrication facility, which is located on the UNSW campus. The course is only available to students enrolled in program 3617 and cannot be used as a general education course.
Faculty
Faculty of Science

School
School of Chemistry

Study Level
Undergraduate

Indicative contact hours
6

Timetable
Visit timetable website for details
Conditions for Enrolment

Enrolment in the Bachelor of Science (Nanotechnology) (3617) or Nanoscience (Honours) (3618).
Course Outline

To access course outline, please visit:

NANO1001 Course Outline
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions