Overview

A molecular approach to understanding the complex, dynamic interactions that comprise cellular function. Concepts drawn from biochemistry, genetics and molecular biology together with classical cell biology will be integrated to produce a contemporary interpretation of cellular life. Topics to be covered include the structure and function of the cell: membranes, organelles, and cytoskeleton; communication within and between cells; the regulation of cell cycling and the differentiation of cells from a single cell to the whole organism. The theoretical coverage will be extended by the addition of self-paced exercises which will require the students to survey the latest developments in this area. Practical work illustrates and complements the lectures, provides extensive experience with contemporary molecular cell techniques and will be enhanced by the inclusion of leading-edge technologies. This advanced course is designed to suit students who plan to pursue research careers in molecular cell biology or related disciplines.
Faculty
Faculty of Science

School
School of Biotechnology and Biomolecular Sciences

Study Level
Undergraduate

Offering Terms
Term 2

Campus
Kensington

Indicative contact hours
7

Timetable
Visit timetable website for details
Conditions for Enrolment

Prerequisite: BIOC2101, BIOC2201. Restricted to Advanced Science programs (3985, 3990, 3962, 3972, 3973, 3986, 3931, 3936)
Exclusion Courses

BIOC3271  |  6 UOC
Molecular Cell Biology 2
Course Outline

To access course outline, please visit:

BIOC3671 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.

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