Topics in Marine Biology and Ecology
MSCI5005 | 6 Units of Credit

Overview

Examines marine pelagic and estuarine habitats and the practical application of theory to the ocean environment and its effect on the life of marine organisms. Emphasis is placed on the biology of phytoplankton, zooplankton and fish, together with the study of fisheries. Also looks at management, marine technology, computer simulations, conservation, other marine vertebrates, aquaculture and environmental concerns, and technical skills, taxonomy and sampling design. Note: A field trip may be held during the mid-session break and personal costs may be incurred. Session 2 Studies the ecology of marine and freshwater systems, emphasising benthic communities; population and community dynamics of these systems; evolution of life histories in the light of the constraints of aquatic systems. Emphasis is on experimental approaches to aquatic ecology. Special topics considered include chemical ecology, plant/herbivore ecology, and applied aspects of the topic such as mariculture, and there is a section on the biology and taxonomy of marine algae (seaweeds).

Note: Fieldwork is an important component of the course and personal costs may be incurred.

Assumed knowledge:

- BIOS2031 Biology of Invertebrate or equivalent subject taken at undergraduate level, and
- BEES2041 Data analysis: Life and earth science or equivalent statistical analysis taken at undergraduate level
Faculty
Faculty of Science

School
School of Biological, Earth and Environmental Sciences

Study Level
Postgraduate

Offering Terms
Term 1

Campus
Kensington

Indicative contact hours
8

Timetable
Visit timetable website for details
Course Outline

To access course outline, please visit:

MSCI5005 Course Outline
# Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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<tr>
<td>Commonwealth Supported Students</td>
<td>$1191</td>
</tr>
<tr>
<td>Domestic Students</td>
<td>$3900</td>
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<tr>
<td>International Students</td>
<td>$5580</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