

Faculty of Science

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Course information

NB: Some of this information is available on the [UNSW Virtual Handbook](#)¹

Year of Delivery	2022
Course Code	MSCI1001
Course Name	Introductory Marine Science
Academic Unit	School of Biological, Earth and Environmental Sciences
Level of Course	1 st year Undergraduate
Units of Credit	6 UOC

Course Details

Course Description (Handbook Entry)	This course introduces students to a cross-section of the theory and application of marine science and includes an opportunity to experience field research. Spanning the disciplines of geology, chemistry, physics, and biology, it provides a fundamental understanding of how oceans work. Topics covered are: the chemistry of seawater; air-sea interactions; ocean circulation; waves, tides, and coastlines; biological productivity and biological diversity.
Course Aims	The course aims to provide a holistic understanding of how marine ecosystems work. Students will develop a basic understanding of how the physics and chemistry of the ocean influence the biology and ecology of marine organisms.

Graduate Attributes Developed in this Course

	Level of FOCUS 0 = NO FOCUS 1 = MINIMAL 2 = MINOR 3 = MAJOR	Activities / Assessment
	3	Short problem-solving exercises take place during lectures, a hands-on research project is conducted on a fieldtrip, desk-top research is necessary for a separate project report, and an interactive seminar program includes marks for asking questions.
2. Capability and motivation for intellectual development	3	The course provides a general overview of a research field (marine science) and exposure to five professional marine science researchers. The aim is to inspire you to marine science practice. Skills in accessing information are developed through verbal Eth2 (v) i T seminar and written report assessment tasks.

Rationale and Strategies Underpinning the Course

Rationale for learning
and teaching in this

Assessment

Task	%	Submission	Feedback		
			WHO	WHEN	HOW
Assignment 1:	Total: 20				
Seminar Presentation	10	Week 7 – 10	Dan Hewitt/peers	Week 10.	Marks/written comments/discussion
Peer Review	10	Week 7 – 10	Dan Hewitt/peers		
Assignment 2:	Total: 35				
Fieldtrip Seminar	5	Week 6	Project Leaders		
Fieldtrip Report	30	Week 6	Project Leaders	22nd July. T	

- e) Methods: include a description of the location, date, and techniques used including statistical techniques.
- f) Results: clearly state all of the findings in full sentences and refer to numbered figures or tables.
- g) Discussion: make a connection between your findings and current understandings. It should synthesise the results into a coherent story.
- h) Reference lists should cite all references used and follow a recognized journal style.

Fieldtrip Details

Smiths Lake Field Station.

16 Horse Point Rd,
Bungwahl NSW 2423

Meals: Please fill in special dietary requirements on the Fieldtrip Registration Form.

Transport: transport is by bus from UNSW.

To bring: Sleeping bag, bottom sheet, pillow and towel. Please note the bottom sheet is compulsory due to COVID. Also bring a headlamp or torch, booties or an old pair of sandals (air)10.6 (o)-5 (i)-8 (t)Rr-0.3 Tw 2..2.3 0 Td(.)

Course Schedule 2022

Week	Lecture Date	Tuesday Matthews C (K - D23 - 307.040 0 8455.04
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12.24 refEMC /P #M7 (.)JJETQq2812.376 14 n6.001 12.24 reW nB73.88 12.24 refEMC /P

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Additional Resources and Support

Text Books	Oceanography and Marine Biology: an introduction to marine science by David Townsend is the recommended (but not compulsory) text. There are two copies on Open Reserve, in the library and the UNSW bookshop also holds several copies.
Course Manual	Course notes are provided on Moodle.
Required Readings	All other required and additional readings are available through online or hard-copy Journals in the UNSW library.
Societies	AMSA is Australia's major professional association for marine scientists from all disciplines. The primary goal of AMSA is to advance marine science and its understanding in Australia. AMSA works to promote liaison and foster

BEES Academic Honesty and Plagiarism Policy

In addition to the UNSW Policy on Academic Honesty and Plagiarism, the School of Biological, Earth and Environmental Sciences (BEES) also considers any work submitted that has been produced outside of a given course in a given year to be plagiarism i.e:

- x Work produced for a third party e.g. your place of employment, is considered intellectual property of the third party, and, as such, if such work is submitted in place of a required course work, it is deemed plagiarism.
- x All work submitted for assessment must be created specifically for the given assessment task in the given year. Work produced in previous years or for other assessments is not acceptable.

SPECIAL CONSIDERATION AND FURTHER ASSESSMENT TRIMESTER 2 2022

Students who believe that their performance, either during the session or in the end of session exams, may have been affected by illness or other circumstances may apply for special consideration. Applications can be made for compulsory class absences such as (laboratories and tutorials), in-session assessments tasks, and final examinations. **Students must make a formal application for Special Consideration** for the course/s affected as soon as practicable after the problem occurs and **within three working days of the assessment to which it refers**.

Students should consult the "Special Consideration" section of the UNSW current students' website for further information <https://www.student.unsw.edu.au/special-consideration>. This contains information on how to apply for special consideration and upload supporting documents via the myUNSW portal.

SUPPLEMENTARY EXAMINATIONS:

The University does not give deferred examinations. However, further assessment exams may be given to those students who were absent from the final exams through illness or misadventure. Special Consideration applications for final examinations and in-session tests will only be considered after the final examination period when lists of students sitting supplementary exams/tests for each course are determined at School Assessment Review Group Meetings. Students will be notified via the online special consideration system as to the outcome of their application. **It is the responsibility of all students to regularly consult their official student email accounts and myUNSW in order to ascertain whether or not they have been granted further assessment.**

For Tr imester 2 2022, BEES Supplementary Exams will b e scheduled on:

TBA

Further assessment exams will be offered on this day **ONLY** and failure to sit for the appropriate exam may result in an overall failure for the course. Further assessment will **NOT** be offered on any alternative dates.