

ECOL30007 Marine Ecosystems: Ecology & Management

Credit Points:	12.5									
Level:	3 (Undergraduate)									
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.									
Time Commitment:	Contact Hours: 28 lectures; 4 tutorials; 12 hours of group multimedia presentations Total Time Commitment: Estimated total time commitment of 170 hours									
Prerequisites:	One of <table border="1" data-bbox="386 573 1485 779"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>EVSC20004 Blue Planet-Intro to Marine Environments</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ECOL20003 Ecology</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	EVSC20004 Blue Planet-Intro to Marine Environments	Semester 1	12.50	ECOL20003 Ecology	Semester 2	12.50
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EVSC20004 Blue Planet-Intro to Marine Environments	Semester 1	12.50								
ECOL20003 Ecology	Semester 2	12.50								
Corequisites:	None.									
Recommended Background Knowledge:	None.									
Non Allowed Subjects:	None.									
Core Participation Requirements:	For the purposes of considering applications for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005) and Students Experiencing Academic Disadvantage Policy, this subject requires all students to actively and safely participate in practical class activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the Subject Coordinator and the Disability Liaison Unit. http://www.services.unimelb.edu.au/disability/									
Coordinator:	Assoc Prof Tim Dempster, Prof Stephen Swearer									
Contact:	Dr Tim Dempster dempster@unimelb.edu.au (mailto:dempster@unimelb.edu.au)									
Subject Overview:	The oceans cover 71% of the earth's surface and are vital to the well being of humans in many ways. This subject covers our current understanding of the biology of marine organisms and how marine scientists assess environmental impacts, manage exploited species and conserve biodiversity.									
Learning Outcomes:	The subject will provide students with exposure to current issues in marine biology and their relevance to marine conservation and management.									
Assessment:	Mini-symposium (presentation and participation, 20%) at the end of semester; critiques of tutorial readings (up to 2000 words) due throughout semester (20%); mid-term written examination of 1 hour (20%); written examination of 2 hours during the final examination period (40%)									
Prescribed Texts:	None									
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2015/B-ARTS) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2015/B-BMED)									

	<p># <u>Bachelor of Commerce</u> (https://handbook.unimelb.edu.au/view/2015/B-COM)</p> <p># <u>Bachelor of Environments</u> (https://handbook.unimelb.edu.au/view/2015/B-ENVS)</p> <p># <u>Bachelor of Music</u> (https://handbook.unimelb.edu.au/view/2015/B-MUS)</p> <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<ul style="list-style-type: none"> # Ability to understand current scientific literature; to identify knowledge gaps; and to explain the important concepts to non-scientist. # Ability to critique methods and experimental designs used in research. # Ability to read and synthesize current primary scientific literature and produce concise pieces of scientific writing and oral presentations.
Related Majors/Minors/Specialisations:	<p>Environmental Science Environmental Science major Environments Discipline subjects Marine Biology Science-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED Zoology Zoology Zoology Zoology Zoology</p>
Related Breadth Track(s):	Marine Life