

ECOL30007 Marine Ecosystems: Ecology & Management

Credit Points:	12.50									
Level:	3 (Undergraduate)									
Dates & Locations:	This subject is not offered in 2014.									
Time Commitment:	Contact Hours: 28 lectures; 4 tutorials; 12 hours of group multimedia presentations Total Time Commitment: Estimated total time commitment of 120 hours									
Prerequisites:	One of <table border="1" data-bbox="387 488 1485 692"> <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/									
Contact:	Dr Tim Dempster dempster@unimelb.edu.au (mailto:dempster@unimelb.edu.au)									
Subject Overview:	Marine ecosystems 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 dynamics of marine ecosystems and the key techniques and concepts used to assess environmental impacts, manage exploited species and conserve biodiversity.									
Learning Outcomes:	The subject will provide students with exposure to current issues in marine ecology and their relevance to management of marine ecosystems.									
Assessment:	Mini-symposium (presentation and participation, 15%) at the end of semester; critiques of tutorial readings (up to 2000 words) due throughout semester (25%); 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: <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2014/B-ARTS) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2014/B-BMED) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2014/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2014/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2014/B-MUS) 									

	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.
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 credit subjects* for pre-2008 BSc, BASc and combined degree science courses Science-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED Zoology Zoology Zoology</p>
Related Breadth Track(s):	Marine Life