

UNIB20001 Climate Change II

Credit Points:	12.50						
Level:	2 (Undergraduate)						
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Lectures, tutorials and additional activities.						
Time Commitment:	Contact Hours: Two 1-hour lectures per week, one 2-hour tutorial per week; 8 hours of additional activities. Total 56 hours. Total Time Commitment: 96 hours total time commitment.						
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>UNIB10007 Introduction to Climate Change</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	UNIB10007 Introduction to Climate Change	Semester 2	12.50
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UNIB10007 Introduction to Climate Change	Semester 2	12.50					
Corequisites:	None						
Recommended Background Knowledge:	None						
Non Allowed Subjects:	None						
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.						
Coordinator:	Assoc Prof Kevin Walsh						
Contact:	Email: kevin.walsh@unimelb.edu.au (mailto:kevin.walsh@unimelb.edu.au)						
Subject Overview:	<p>This subject will allow students to further develop their understanding of climate change through a detailed consideration of future mitigation options and adaptation strategies in four areas of critical concern.</p> <p>These areas include (1) energy generation and use, (2) cities and urban development, (3) water and food security, and (4) terrestrial and marine biodiversity. The subject will explore the social, environmental, economic, political and legal implications of implementing mitigation and adaptation strategies in each of these areas.</p> <p>Cross-disciplinary case studies will be enhanced by structured investigative field trips with each student participating in a group case study. The culmination of these case studies will be a public presentation of each group's findings.</p> <p>The emphasis on mitigation and adaptation and their potential interactions within particular sectors will consolidate knowledge and develop the expertise necessary for the multi-disciplinary projects in the third year subject.</p>						
Objectives:	<p>The subject will consolidate understanding of the disciplines relevant to understanding climate change. As with the prerequisite subject, students will continue to remain involved with and focussed on the issues of immediate debate within the community, as well as developing an understanding of the long-term implications of climate change.</p> <p>Outcomes of the second year subject will include an understanding of the analytical framework necessary for developing future social, environmental, economic and political responses to climate change, as well as an appreciation of the difficulties of implementing changes in policy.</p>						
Assessment:	A 2-hour written examination 20%; a research essay of 3000 words worth 40%; weekly practical exercises due in tutorials worth 40%. Hurdle requirement: 75% minimum attendance at tutorials.						

Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2010/B-ARTS) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2010/B-BMED) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2010/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2010/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2010/B-MUS) # Bachelor of Science (https://handbook.unimelb.edu.au/view/2010/B-SCI) # Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2010/355AA) <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:	<p>On the completion of this subject, students should have developed the following generic skills:</p> <ul style="list-style-type: none"> # Quantitative skills, including an appreciation of statistical methods; # The ability to write a logically argued and properly researched essay; # The ability to critically assess information from a range of sources, and assess its quality and relevance to the questions under consideration. # The ability to work as part of a multi-disciplinary team on a major project. # Oral communication skills through presentation and investigation of relevant material.