

ATOC90004 Current Topics in Atmospheric Research

Credit Points:	12.5						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Parts of this subject may be taught off campus.						
Time Commitment:	Contact Hours: Ten day intensive program comprising workshops. Total Time Commitment: 170 hours						
Prerequisites:	The following subject, or equivalent (can be taken concurrently). <table border="1" data-bbox="386 600 1485 748"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ATOC30004 Dynamical Meteorology and Oceanography</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ATOC30004 Dynamical Meteorology and Oceanography	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:					
ATOC30004 Dynamical Meteorology and Oceanography	Semester 1	12.50					
Corequisites:	None						
Recommended Background Knowledge:	None						
Non Allowed Subjects:	None						
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p> </p>						
Coordinator:	Assoc Prof Kevin Walsh						
Contact:	Email: kevin.walsh@unimelb.edu.au (mailto:kevin.walsh@unimelb.edu.au)						
Subject Overview:	This subject will address current topics in the atmospheric and oceanic sciences that will prepare students for research in these areas. Topics will vary from year to year depending on developments in the field but may include atmosphere-ocean interaction and climate; the general circulation of the atmosphere and ocean; tropical meteorology; atmospheric and ocean simulation and data analysis.						
Learning Outcomes:	This subject aims to provide students with: <ul style="list-style-type: none"> # a deep appreciation of current research topics in several areas of atmospheric and oceanic sciences; # experience in synthesising and interpreting the current literature; # experience in making judgements in cases of ambiguity or conflicting arguments; # an appreciation of the interrelationships between different drivers of atmospheric processes. 						
Assessment:	Written assignments and practical exercises totalling 3,000 words, or equivalent.						
Prescribed Texts:	None						

Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>On completion of this subject students will have gained experience in:</p> <ul style="list-style-type: none"> # developing the ability to exercise critical judgement; # rigorous and independent thinking; # adopting a problem-solving approach to complex or ambiguous questions; # high-level written report presentation skills; # oral communication and presentation skills.
Related Course(s):	Master of Science (Earth Sciences)
Related Majors/Minors/ Specialisations:	<p>Earth Sciences Earth Sciences Environmental Science Environmental Science Honours Program - Earth Sciences Tailored Specialisation Tailored Specialisation</p>