ATOC90004 Current Topics in Atmospheric Science A

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, 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).

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:	It is University policy to take all reasonable steps to minimise the impact of disability upon academicstudy and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory 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.
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: # 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:	On completion of this subject students will have gained experience in: # 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:	Earth Sciences Earth Sciences Environmental Science Environmental Science Honours Program - Earth Sciences Tailored Specialisation Tailored Specialisation