

620-610 Statistics for Research Workers

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: February, - Taught on campus. June, - Taught on campus.
Time Commitment:	Contact Hours: 6 days intensive: 32 hours (24 hours of lectures and 8 hours of practical classes) Total Time Commitment: Not available
Prerequisites:	Students taking this subject must be currently enrolled in a Masters degree by research, PhD, or MD. This subject will involve mathematical, statistical and computing skills.
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 Ian Gordon
Subject Overview:	<p>This subject is designed to provide students with detailed training in statistical methods as applied to the design and analysis of projects undertaken by postgraduate students, across all disciplines.</p> <p>Students who complete this subject should:</p> <ul style="list-style-type: none"> # learn sound principles of design in research # acquire skills in the analysis of research # gain skills in the use of statistical software # develop the ability to assess published research critically from a statistical point of view
Assessment:	Up to 12 short exercises conducted during the subject, including the use of software (continuous assessment), involving a total of no more than 15 written pages (30%);A 1 hour examination at the conclusion of the subject (40%)A 2000 word assignment which relates to the work studied in the subject to the student's research (30%) to be submitted two weeks after completion of the subject.
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
Links to further information:	http://www.scc.ms.unimelb.edu.au/

Notes:

This subject is offered over the summer semester in intensive mode from 10-18 February 2009.
The subject is also offered as a semester two subject in intensive mode from 17-24 June 2009.