

MAST90007 Statistics for Research Workers

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: June, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 8 days intensive: 48 hours (24 hours of lectures and 24 hours of practical classes) Total Time Commitment: 120 hours.
Prerequisites:	Students must be enrolled in a Masters-level program or above. This subject will involve mathematical, statistical and computing skills.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Prof Ian Gordon
Contact:	Email: irg@unimelb.edu.au (mailto:irg@unimelb.edu.au)
Subject Overview:	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.
Objectives:	Students who complete this subject should: <ul style="list-style-type: none"> # learn sound principles of design and 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/
Related Course(s):	Master of Science (Biomedical and Health Sciences) Master of Science (Botany) Master of Science (Chemistry) Master of Science (Computer Science) Master of Science (Earth Sciences) Master of Science (Geography) Master of Science (Information Systems) Master of Science (Physics) Master of Science (Vision Science)
Related Majors/Minors/ Specialisations:	Conservation, Restoration and Landscape Management Education Energy Efficiency Modelling and Implementation Energy Studies Waste Management