MAST90007  Statistics for Research Workers

Credit Points: 12.5
Co-ordinator: Dr Ian Gordon (telephone 47993)

Prerequisites: Students taking this course must be currently enrolled in a Masters Degree by research, PhD, or MD. This course will involve mathematical, statistical and computing skills.

Contact: 8 days intensive: 48 hours (24 lectures, 24 hours of practice classes)

Objectives: Students taking this course will:
- 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

Subject description: This course is designed to provide students with details training in statistical methods as applied to the design and analysis of projects undertaken by postgraduate students, across all disciplines. See course outline for more details.

Assessment:
- Up to 12 short exercise conducted during the course, 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 course (40%);
- a 2000 word assignment which relates the work studied in the course to the student's research (30%) to be submitted 2 weeks after completion of the course.