

	production, reference management and archiving of data. Additional Workshops deal with advanced techniques utilised in contemporary medical research.
Learning Outcomes:	To develop a mature understanding of experimental design, experimental implementation, data evaluation and communication as it relates to modern biomedical research, in a broad ethical context. To acquire competency in statistical analysis, hypothesis testing and data presentation. To generate awareness of, and appropriate behaviours relating to, ethical conduct of animal and human experimental ethics, including regulatory requirements. To appreciate the need for the active management of intellectual property issues, scientific integrity and conflict of interest in a contemporary biomedical research context. To become aware of the scientific and technical basis of selected advanced techniques in biomedical research.
Assessment:	One statistics and experimental design assignment (50%). Two short (1500 word) essays (50%). Both pieces of assessment are submitted during semester.
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:	To: <ul style="list-style-type: none"> • Develop critical reading skills. • Develop skills in a range of communication forms, oral and written. • Appreciate the roles of the individual and the team in contemporary medical research. • Develop appropriate time managements skills over both short and long time frames
Links to further information:	None
Notes:	This subject is only available to students enrolled in BSc (Honours); BBiomed (Honours); MSc (RT, Biomedical and Health Sciences)
Related Course(s):	Master of Biomedical Science Master of Science (Biomedical and Health Sciences)
Related Majors/Minors/ Specialisations:	Anatomy and Neuroscience Honours Program - Veterinary Bioscience Medicine (Austin Health) Medicine (Royal Melbourne Hospital) Medicine (St Vincent's Hospital) Oral Health Science Otolaryngology Otolaryngology Paediatrics Pathology Pathology Pharmacology Physiology Physiology Primary Care (General Practice) Psychopharmacology [Psychiatry (Austin Health)] Surgery (Austin Health)