

360-841 Applied Analysis of Clinical Trials

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Time Commitment:	Total Time Commitment: Students should expect to undertake a minimum of 120 hours lectures, research, reading, writing etc to complete this subject successfully
Prerequisites:	None
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>
Subject Overview:	<p>At the end of this subject, Clinicians should be able to:</p> <ul style="list-style-type: none"> # Understand the major statistical methods used in analysing data from clinical trials # Perform analysis on such data within limitations, using an appropriate statistical package. # Understand the limitations and assumptions of such analyses # Be familiar with the statistical terms used in the literature # Interpret and explain to others in clear language the relevant information from such analyses # Understand the advantages and weaknesses of repeated measures, crossover designs, factorial and blocked designs from a statistical perspective.
Assessment:	Three data analysis assignments (30%, 30% and 40%).
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
Related Course(s):	Graduate Diploma in Clinical Research Master of Clinical Research Specialist Certificate in Clinical Research (Informatics and Analysis)