

513-660 Graduate Research Methods

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 36 contact hours consisting of lectures and tutorials. Total Time Commitment: Students will be expected to undertake a number of hours of self directed learning in this subject. Approximately 72 hours of self directed learning is suggested.
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><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> </p>
Coordinator:	Dr Rana Hinman
Subject Overview:	This subject introduces the principles of research methods and provides examples of their application in clinical physiotherapy research and practice. There will be emphasis on the techniques required for the critical evaluation of all aspects of published research relevant to the physiotherapy profession. The use of quantitative statistical analysis techniques will also be discussed.
Assessment:	Written assignment 1,500 words (50%), Seminar Presentation (30%), mid-semester Class Quizzes (20%)
Prescribed Texts:	Portney L G, Watkins M P (2000): Foundations of clinical research: applications to practice. (2nd Ed.) Prentice Hall, New Jersey. Herbert R, Jamtvedt G, Mead J, Hagen KB (2006): Practical evidence-based physiotherapy. London: Butterworth Heinmann.
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:	<p>Generic Skills:</p> <p>On completion of this subject students are expected to be able to demonstrate:</p> <ul style="list-style-type: none"> # Skills in written scientific communication. # Skills in oral communication and contribution to class discussion. # An ability to critically analyse published research. <p>Specific Skills:</p> <p>On completion of this subject students are expected to be able to demonstrate:</p>

	<ul style="list-style-type: none"># A capacity to undertake searching of computerised medical literature databases.# An understanding of research design principles, reliability and validity.# An understanding of basic statistical techniques and some familiarity with SPSS.
Links to further information:	http://www.physioth.unimelb.edu.au/programs/pgrad/index.html
Related Course(s):	Master of Physiotherapy (Cardiorespiratory Physiotherapy) Master of Physiotherapy (General) CW Master of Physiotherapy (Musculoskeletal Physiotherapy) Master of Physiotherapy (Neurological Physiotherapy) Master of Physiotherapy (Paediatric Physiotherapy) Master of Physiotherapy (Women's Health and Pelvic Floor Physiotherapy) Master of Physiotherapy(Sports Physiotherapy)