

513-660 Graduate Research Methods

Code:	513-660
Title of the subject:	Graduate Research Methods
Credit points	12.5 points
Coordinator	Dr Rana Hinman
Semester of offer	1
Prerequisites and/or Corequisites	Nil
Mode of delivery	On-campus
Contact hours	36 contact hours consisting of lectures and tutorials
Non-contact hours	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.
Description	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	<ul style="list-style-type: none"> 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.
Subject objectives Generic skills	<p>On completion of the subject, students will have developed the following generic skills:</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>On completion of the subject, students will be have developed the following specific skills:</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.
Special computer requirements	NA
Special computer skills required (if applicable)	NA
Resources provided to distance students	NA