

513-302 Neurology and Neuroscience 1

Credit Points:	25.000
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: , - Taught on campus.
Time Commitment:	Contact Hours: Equivalent of 114 hours throughout third year. 76 hours lectures, tutorials, practical classes and self-directed learning. Six weeks (24 hours per week) clinical placement Total Time Commitment: Students will need to allow time for self-directed learning. The following hours are given as minimum requirements: 1 hour pre/post reading for lectures, 2 hours per hour of tutorial sessions and 2 hours extra per week for practical classes. Third year students will need to spend approximately 2 hours per day in study and at least 2 extra hours per week practising clinical skills.
Prerequisites:	This subject is not available as a single subject. Students must be currently enrolled in the Bachelor of Physiotherapy to undertake this subject.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<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>
Coordinator:	Ms K Miller
Subject Overview:	This subject introduces a framework for clinical reasoning in the assessment and treatment of individuals with neurological and neurosurgical conditions. The emphasis of this subject is development of clinical reasoning in the assessment of neurological patients including the confirmation of likely contributing factors to activity limitations and participation restrictions, and the establishment of prioritized patient-centered problem lists and treatment goals. Physiotherapy management to address identified problems and treatment goals in neurological patients will be devised and applied at a basic level using theories of motor control, motor learning, task specific training and facilitation with consideration of the patients' social and cultural situation and the team management plan for the patient. The clinical component of this subject integrates theoretical knowledge with clinical reasoning and practical application skills providing students with opportunities to develop high level communication skills and an awareness of the role of the physiotherapist within the multidisciplinary rehabilitation team and the medical system.
Assessment:	Clinical: continuous clinical assessment (40%), and clinical examination (10%). Theory: Case presentation (5%). Semester 1 (2-hour) written examination at the end of the first theory block (20%). Semester 2 (2-hour) written examination at the end of the year (25%). Students must pass both clinical and theoretical components of the assessment in order to pass the subject.
Prescribed Texts:	Neurological Rehabilitation: Optimizing Motor Performance (J Carr and R Shepherd), Butterworth Heinemann, Oxford, 1998
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>Through clinical and theory blocks this course aims to:</p> <ul style="list-style-type: none"># provide opportunities to develop problem solving skills in the context of clinical reasoning using neurological cases# introduce accurate and effective written and verbal communication skills to convey neurological assessment and management information;# provide opportunities to understand the roles of team members and to participate in a team-based approach to patient care# provide opportunities to discuss ethical issues involved management of persons with neurological diagnoses with emphasis on client-centred practice, and responsibility for choosing safe, efficacious interventions# provide opportunities to discuss education and compliance issues in management of clients with neurological diagnoses, and to recognize the interactions of psychosocial, communication and ethical factors upon your approach to physiotherapy intervention.
Related Course(s):	Bachelor of Physiotherapy