PHTY40004 Neurology and Neuroscience 2

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Equivalent of 60 hours throughout fourth year, 24 hours lectures and self directed learning, four weeks (28 hours per week) clinical placement Total Time Commitment: Students will need to allow time for self-directed learning. Fourth 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:	Years 1, 2 and 3 of the Bachelor of Physiotherapy.
Non Allowed Subjects:	None
Core Participation Requirements:	None
Coordinator:	Dr Kimberly Miller
Contact:	Dr Kimberly Miller
Subject Overview:	This subject builds on the skills developed in 513-302 Neurology and Neuroscience 1 in the evaluation and management of individuals with neurological neurosurgical conditions. The emphasis of the theoretical component of the subject is evidence based practice on neurological physiotherapy, with exposure to advanced areas of clinical practice including vestibular rehabilitation, task-specific training, and management of individuals with complex presentations. The clinical component of this subject integrates theoretical knowledge with clinical reasoning and practical skills, providing students with opportunities to work within a multidisciplinary team, developing skills in discharge planning, time management, and effective communication with patients, families and other health professionals.
Objectives:	On completion of this subject, students will be able to demonstrate: # an understanding of neurological rehabilitation and discharge planning issues # the ability to engage in treatment planning and clinical decision making in the management of individuals with neurological conditions # an appreciation of evidence-based clinical practice and methods of evaluating treatment effectiveness in individuals with neurological conditions # an understanding of the role of the physiotherapist within the multidisciplinary rehabilitation team
Assessment:	Clinical: continuous clinical assessment (50%). Theory: case presentation (10%), and a 2-hour written examination at the end of the year (40%).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, 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:	On completion of this subject, students will be able to demonstrate: # the ability to communicate effectively (both verbally and written) with patients, families and other health professionals # the capacity to keep accurate treatment records and manage time effectively # the capacity to actively participate in and contribute to the team process
Related Course(s):	Bachelor of Physiotherapy