

# PHTY90089 Neurological Physiotherapy 1

<b>Credit Points:</b>	12.5
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2016, Parkville This subject commences in the following study period/s: July, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 90 hours lectures, tutorials, practical classes and clinics across a 17 week semester including 2 weeks of clinics. Total Time Commitment: 180 hours including 90 hours contact hours and 90 hours of self directed learning.
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None.
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt;         &lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Dr Belinda Bilney
<b>Contact:</b>	<a href="mailto:belinda.bilney@unimelb.edu.au">belinda.bilney@unimelb.edu.au</a> (mailto:belinda.bilney@unimelb.edu.au)
<b>Subject Overview:</b>	<p>This subject provides students with an opportunity to integrate prior knowledge of anatomy, physiology and neuroscience with theoretical and evidence based knowledge in the management of individuals with neurological conditions. The emphasis of this subject is development of a clinical reasoning framework for the assessment and management of individuals with neurological conditions within the International Classification of Functioning model. The selection and justification of assessment and management for individuals with neurological conditions will be informed by research findings from basic science and applied clinical research. Consideration will also be given to the rights of individuals with neurological conditions and the impact of team management processes in neurological physiotherapy practice.</p>
<b>Learning Outcomes:</b>	<p><b>Element 1: Physiotherapy Theory and Practice</b></p> <ul style="list-style-type: none"> <li># Apply a theoretical clinical reasoning framework to integrate prior knowledge of anatomy, physiology and neuroscience and condition specific information to select, justify and safely assess impairments and activity limitations, and interpret assessment findings in the management of individuals with neurological conditions.</li> <li># Apply assessment findings and knowledge of the individual and their environment to propose, justify and demonstrate safe and effective physiotherapeutic interventions addressing impairments and activity limitations in individuals with neurological conditions.</li> </ul> <p><b>Element 2: Evidence in Physiotherapy</b></p> <ul style="list-style-type: none"> <li># To apply research findings from basic science and applied clinical research in the selection and justification of assessment and management in individuals with neurological conditions.</li> </ul> <p><b>Element 3: Physiotherapy in Contexts</b></p>

	<p># To identify and consider the rights of individuals with neurological conditions including their autonomy, dignity and privacy through case examples.</p> <p>To discuss the roles of the physiotherapist and the other multidisciplinary team members in the management of individuals with neurological conditions.</p>
<b>Assessment:</b>	Formative practical skills: quizzes with peermarking/feedback applying standardised feedback criteria throughout semester Video analysis written examination - Mid Semester (15%) 2 hour written theory examination - at end of semester (50%) PSCE practical skills examination - at end of semester (35%) Attendance at >95% of practical classes
<b>Prescribed Texts:</b>	Carr JH and Shepherd RT (2010): Neurological Rehabilitation: Optimizing Motor Performance. (2nd edition) Edinburgh: Churchill Livingstone
<b>Recommended Texts:</b>	Hill K, Denisenko S, Miller K, Clements T, Batchelor F and Morgan P (2010): Clinical Outcome Measurement in Adult Neurological Physiotherapy. (4th edition). Victorian Branch, Australian Physiotherapy Association.
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	<p>By the completion of this subject, students will have had the opportunity to develop the following generic skills:</p> <ul style="list-style-type: none"> <li># Development of skills in practical thinking, clinical reasoning and clinical decision making;</li> <li># An appreciation of the importance of a team approach in working with colleagues;</li> <li># Critically use decision-making skills with an awareness of the factors that inform their decisions.</li> </ul>
<b>Links to further information:</b>	<a href="http://physioth.unimelb.edu.au/">http://physioth.unimelb.edu.au/</a>
<b>Related Course(s):</b>	Doctor of Physiotherapy