

## 534-NP Master of Physiotherapy (Neurological Physiotherapy)

<b>Year and Campus:</b>	2008																		
<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>Level:</b>	Graduate/Postgraduate																		
<b>Duration &amp; Credit Points:</b>																			
<b>Contact:</b>	Ms Kim Miller, Stream Coordinator, Email: <a href="mailto:k.miller@unimelb.edu.au">k.miller@unimelb.edu.au</a> , Telephone: +61 3 8344 7924																		
<b>Course Overview:</b>	The Master of Physiotherapy (Neurological Physiotherapy) course at the University of Melbourne enables qualified and experienced clinicians to broaden and deepen their theoretical and clinical skills in the area of neurology. The course recognises the need to adopt principles of adult learning and emphasises the importance of facilitating graduates to develop independent, self-directed and critical philosophies in the field of neurological physiotherapy. To achieve these outcomes teaching and learning focuses on a problem-based approach with exchange of knowledge by participants.																		
<b>Objectives:</b>	This course promotes development of skills, knowledge and attributes of a reflective, evidence-based practitioner who might seek to specialise in neurological physiotherapy.																		
<b>Course Structure &amp; Available Subjects:</b>	<p>Eight subjects (100 points) comprising</p> <ul style="list-style-type: none"> <li># three core subjects</li> <li># four stream subjects</li> <li># one elective subject</li> </ul> <p>Subjects vary in their format - some involve regular weekly classes while others are taught in a block with assessment and assignments due throughout the semester. Some subjects include clinical practice ranging from observational clinics to supervised participatory clinical placements.</p>																		
<b>Subject Options:</b>	<p><b>Core Subjects</b></p> <p>The core subjects support the physiological bases of physiotherapy practice, provide a framework for evaluation of evidence for physiotherapy and develop advanced communication skills and awareness of professional and ethical issues in physiotherapy and the broader healthcare community.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>513-660 Graduate Research Methods</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>513-659 Academic Writing, Ethics &amp; Critical Enquiry</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Students also choose <i>one</i> of the following subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>513-658 Motor Control, Performance &amp; Exercise</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>513-657 Pain and its Management</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Neurological Stream Subjects</b></p> <p>Four stream subjects provide students with the opportunity advance their knowledge and skills specific to neurological practice. The two theoretical subjects present advanced knowledge and understanding of anatomy and neurosciences, and their applications to clinical practice. The two clinical subjects provide students with opportunities to acquire cutting edge information and skills related to neuropathology, current investigative, diagnostic and treatment approaches for a variety of neurological and neurosurgical conditions. The final clinical placement allows students the opportunities to deepen or broaden their clinical practice experience and expertise.</p>	Subject	Study Period Commencement:	Credit Points:	513-660 Graduate Research Methods	Semester 1	12.50	513-659 Academic Writing, Ethics & Critical Enquiry	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	513-658 Motor Control, Performance & Exercise	Semester 2	12.50	513-657 Pain and its Management	Semester 2	12.50
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Subject	Study Period Commencement:	Credit Points:
513-664 Anatomy for Neurological Physiotherapy	Not offered 2008	12.50
513-665 Advanced Topics in Neurology	Not offered 2008	12.50
513-684 Neurosciences	Not offered 2008	12.50
513-685 Clinical Neurology	Not offered 2008	12.50

### Approved Electives

The elective allows the student to broaden their experience and expertise in an area outside that which they are studying, or it may complement their area of study. Students must choose ONE elective from the list below.

The list of approved electives includes subjects from across the program and other departments. Other electives may be negotiated with the course coordinator. Pre-requisites may apply. Enrolment in the elective requires approval by the course coordinator and any other department involved. Please note that not all subjects run each year and additional subjects may be added. Students should check with Physiotherapy staff or Physiotherapy website for the most current listing of elective subjects.

Subject	Study Period Commencement:	Credit Points:
513-641 Advanced Practice in Pelvic Floor Physio	Semester 1	12.50
513-664 Anatomy for Neurological Physiotherapy	Not offered 2008	12.50
585-671 Australian Health Policy in Practice	Semester 1	12.50
513-662 Cardiorespiratory Science	Not offered 2008	12.50
571-657 Child Public Health	Not offered 2008	12.50
513-672 Clinical Anatomy	Semester 2	12.50
513-653 Differential Diagnosis & CDM	Not offered 2008	12.50
505-902 Disability in Developing Countries	Semester 2	12.50
513-910 Dry Needling for Physiotherapists	Semester 2	12.50
513-642 Exercise for Women	Semester 2	12.50
505-523 Gender and Health: Critical Perspectives	Semester 1	12.50
505-509 Health Program Evaluation 1	Semester 1	12.50
513-681 Independent Project	Not offered 2008	12.50
505-900 International Child Health	Semester 2	12.50
513-676 Musculoskeletal Physiotherapy A	Semester 1	12.50
513-677 Musculoskeletal Physiotherapy B	Semester 2	12.50
513-684 Neurosciences	Not offered 2008	12.50
513-640 The Pelvic Floor:Function&Dysfunction	Semester 1	12.50
513-669 Paediatric Physiotherapy Theory	Not offered 2008	12.50
534-501 Pharmacology and Therapeutics II	Semester 1	12.50
513-686 Professional Development Elective	Semester 1, Semester 2	12.50

	513-652 Radiology for Physiotherapists	Semester 1	12.50
	513-696 Sports Physiotherapy A	Semester 1	12.50
	513-697 Sports Physiotherapy B	Semester 2	12.50
<b>Entry Requirements:</b>	Applicants must be qualified to practise as physiotherapists and should normally have at least two years clinical experience (including, for Specialist Streams, one year in the area of specialisation). Both academic achievement and clinical experience will be considered by the Selection Committee.		
<b>Core Participation Requirements:</b>	<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: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a></p>		
<b>Graduate Attributes:</b>	On completion of this course, graduates will be expected to be able to demonstrate the following specific skills: An advanced knowledge of anatomy and physiology applied to physiotherapy. An advanced understanding of the recent knowledge base in areas of physiotherapy. Advanced clinical skills and techniques applicable to relevant physiotherapy areas, including assessment techniques, clinical reasoning and decision-making skills in developing treatment plans and comprehensive patient management. A capacity to undertake detailed searching, analysis and interpretation of computerised medical literature databases. An ability to promote evidence-based practice in physiotherapy.		
<b>Generic Skills:</b>	<p>On completion of this course, graduates will be expected to be able to demonstrate the following generic skills:</p> <ul style="list-style-type: none"> <li># A capacity for self-directed learning and the motivation for life-long independent learning.</li> <li># Well-developed problem -solving abilities, with flexibility of approach.</li> <li># An advanced level of oral and written communication.</li> <li># An appreciation of the design, conduct and reporting of original research.</li> <li># An ability to critically evaluate and synthesise research literature.</li> <li># A capacity to manage competing demands on time.</li> <li># An appreciation of the team approach to learning in complex areas.</li> <li># An advanced understanding of professional responsibility and ethical principles in relation to individuals and community, both locally and internationally.</li> </ul>		
<b>Links to further information:</b>	<a href="http://www.physioth.unimelb.edu.au/programs/pgrad/index.html">http://www.physioth.unimelb.edu.au/programs/pgrad/index.html</a>		
<b>Notes:</b>	<p><b>Subjects with practical components:</b> All students are required to participate in practical experience, including participation in mixed gender classes. Practical classes provide the opportunity to experience the roles of therapist, patient and observer. Participation will require students to remove appropriate clothing to permit inspection and exposure of the body part for treatment. This allows visual assessment, palpation of the part for diagnosis and accuracy of apparatus positioning. In the patient role, students experience the sensations and effects of the various forms of assessment and treatment in preparation for the giving of explanations and advice to patients. In order that no student is disadvantaged, the only exceptions from participation are when a student has specific medical contraindications. It is expected that students behave in a professional manner at all times when working with fellow students.</p>		