MASTER OF PHYSIOTHERAPY  
(MUSCULOSKELETAL PHYSIOTHERAPY)

Preliminary Information
This program will provide physiotherapy graduates with advanced, specialised training in musculoskeletal physiotherapy. Graduates of this program will have a sound base of scientific knowledge and analytical assessment and clinical skills that are required of a competent musculoskeletal physiotherapist. They will be able to critically evaluate and contribute to current research in the basic and applied sciences relevant to disorders of the musculoskeletal system.

Qualification for admission
A candidate for this program must:
- hold a 4 year pass or honours or graduate entry master or professional doctorate degree in physiotherapy and
- have completed 2 years full-time relevant professional experience (or equivalent) and
- produce evidence of continuing professional education OR
- have qualifications and experience that are deemed equivalent to the above by the Head of School.

Program Structure and Cost
The program comprises 16 units of courses listed in the Program list or approved by the Head of School. The program will be completed in two semesters full-time or up to four semesters part-time and will be offered on a full-fee basis. A limited number of part-time places are offered.

Cost: Calculating your fees

The program commences in Semester 1.

The opportunity to defer payment of fees is available to some students via FEE HELP. More information can be gained from the website: www.goingtouni.gov.au. FEE HELP is not available to international students.

Fee Support
The University of Queensland will offer Commonwealth supported places for Australian students wishing to undertake this program. The CSPs are available for full time study in 2010 or half time study (2010-2011). In 2010, the approximate cost to a Commonwealth supported student to complete a masters program and defer payment will be $7,800. If the payment is made upfront (per semester) there is an additional saving of 20%. All applicants will be considered for fee support. More details are available on request.

Program Objectives
This program provides practical and theoretical instruction in examination and management approaches for musculoskeletal disorders of the spine and the extremities. Specific emphasis is placed on manipulative therapy approaches but students also explore total management strategies particularly those of pain management and rehabilitative and preventative exercise. Therapeutic approaches are supported by a strong research base in the Division of Physiotherapy at the University of Queensland. Research areas include testing the clinical efficacy of manipulative physiotherapy, neurophysiological mechanisms of manipulative physiotherapy and pain relief, muscular dysfunction in spinal pain, muscle rehabilitation approaches and behavioural aspects of pain.

School of Health and Rehabilitation Sciences
Division of Physiotherapy
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Email: enquiries.shrs@uq.edu.au or Internet: www.shrs.uq.edu.au
Teaching/Educational Methods
Students undertake three sessions of clinical practice per week throughout the year under the supervision of clinical lecturers. The studies in musculoskeletal physiotherapy are supported by advanced education in the basic sciences of anatomy, biomechanics and neurophysiology. Specialist lectures and discussions are given in the areas of pathology, medicine, radiology, dentistry and pharmacy. Research skills will be advanced in a directed project.

Students who have completed the Master of Physiotherapy (Musculoskeletal) may proceed to the Master of Physiotherapy (Sports), receiving 10 units credit towards the Sports plan. Students who have completed the Master of Physiotherapy (Sports) may proceed to the Master of Physiotherapy (Musculoskeletal), receiving 10 units credit towards the Musculoskeletal plan and will complete PHTY7102 and PHTY7106 in semester 2.

Program list

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<tr>
<th>Code</th>
<th>Units</th>
<th>Title</th>
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<tbody>
<tr>
<td>Semester 1</td>
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<tr>
<td>PHTY7101</td>
<td>2</td>
<td>Advanced Studies in the Basic, Behavioural &amp; Medical Sciences A</td>
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<tr>
<td>PHTY7103</td>
<td>4</td>
<td>Theory and Practice of Musculoskeletal Physiotherapy A</td>
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<tr>
<td>PHTY7111</td>
<td>2</td>
<td>The Scientific Basis of Advanced Therapeutic Exercise</td>
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<td>Semester 2</td>
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<tr>
<td>[PHTY7018</td>
<td>2</td>
<td>Directed Research Project</td>
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<td>[OR</td>
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<tr>
<td>HRSS7809</td>
<td>2</td>
<td>Evidence Based Practice in Allied Health</td>
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<tr>
<td>PHTY7102</td>
<td>2</td>
<td>Advanced Studies in the Basic, Behavioural &amp; Medical Sciences B</td>
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<tr>
<td>PHTY7106</td>
<td>4</td>
<td>Theory and Practice of Manipulative/Musculoskeletal Physiotherapy B</td>
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Course details

PHTY 7101   Advanced Studies in the Basic, Behavioural & Medical Sciences A
Students’ knowledge will be advanced in the fields of neurophysiology, anatomy, biochemistry, and pathology relevant to musculoskeletal disorders treated by physiotherapists.

PHTY 7103   Theory & Practice of Musculoskeletal Physiotherapy A
Allows graduate physiotherapists to extend their knowledge and clinical expertise in the field of musculoskeletal and manipulative physiotherapy of the cervical spine and upper quadrant. Provision of preclinical and clinical experience with a philosophy of evidence based practice.

PHTY7111 The Scientific Basis of Advanced Therapeutic Exercise
This course provides the scientific basis, practical skills and clinical application of therapeutic exercise for advanced physiotherapy practice.

PHTY 7018   Directed Research Project
This course will advance students' knowledge and skills in research and provide practical experience in the research process.

HRSS7809 Evidence Based Practice in Allied Health
Introduction of principles, methods & skills for evidence-based practice, with specific relevance to the therapies.

PHTY 7102   Advanced Studies in the Basic, Behavioural & Medical Sciences B
Student’s knowledge will be advanced in the fields of anatomy and the neurophysiological and behavioural aspects of pain. The medical and pharmaceutical management of musculoskeletal disorders will also be explored. Emphasis will be placed on differential diagnosis.

PHTY 7106   Theory & Practice of Manipulative/Musculoskeletal Physiotherapy B
Allows graduate physiotherapists to extend their knowledge and clinical expertise in the field of musculoskeletal and manipulative physiotherapy of the lumbar and thoracic spines and lower quadrant. Provision of preclinical and clinical experience with a philosophy of evidence based practice.