

## RADI90001 Radiology for Physiotherapists

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2013, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus. Lectures, workshops and tutorials
<b>Time Commitment:</b>	Contact Hours: This subject will run in block mode between Wed 20 Feb – Tues 26 Feb 2013 (5 full working days). 36 hours of lectures and workshops. Total Time Commitment: 36 hours of lectures, workshops presented in block mode over 1 week. Students are expected to undertake approximately 72 hours of self directed learning in this subject
<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>	None
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<b>Subject Overview:</b>	<b>NOTE: This subject will run in block mode between Wed 20 Feb – Tues 26 Feb 2013 (5 full working days).</b>  This subject builds on the student's knowledge in radiology, particularly as it applies to the neuro-musculo-skeletal system. The student will be able to explore normal and pathological findings as displayed by a variety of imaging modalities including x-ray, CT scans, MRI and US imaging. They will also have a better appreciation of when to use imaging, which imaging modality to use and when onward referral to another clinician may be more appropriate.
<b>Objectives:</b>	The subject aims to provide students with the ability to: <ul style="list-style-type: none"> <li># Compare and contrast imaging modalities available for the investigation of musculoskeletal problems.</li> <li># Justify their choice of imaging modality for clinical problems commonly encountered in musculoskeletal physiotherapy clinical practice</li> <li># Critically appraise the radiology literature and apply evidence-based knowledge about radiology investigations into clinical practice.</li> <li># Analyse images to facilitate diagnosis of common musculoskeletal conditions, based on their imaging findings.</li> <li># Better integrate radiology findings into clinical practice.</li> </ul>

<b>Assessment:</b>	Written assignment 1 – 1500 words due Week 9 (20%) Written assignment 2 – 2000 words due Week 16 (25%) Case presentation (5 min) during the course week (5%) 1 hr multi-station written radiology exam (50%) (Week 10)
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	ANDERSON, J, & READ, JW. (2008). Atlas Imaging in Sports Medicine. 2nd edn. McGraw Hill, Sydney
<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>	The subject aims to enable students to: <ul style="list-style-type: none"> <li># Further develop problem solving skills in clinical practice</li> <li># Use advanced interdisciplinary communication skills</li> <li># Evaluate and critique relevant medical literature</li> <li># Develop reflective skills.</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>Related Course(s):</b>	Master of Physiotherapy