513-121 Musculoskeletal System

Credit Points:	25.000
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 94 hours lectures, 56 hours practical/tutorial classes Total Time Commitment: Students will need to allow time for self-directed learning. The following hours are given as minimum requirements: 1 hour pre/post reading for lectures, 2 hours per hour of tutorial sessions and 2 hours extra per week for practical classes
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:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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: http://services.unimelb.edu.au/disability
Coordinator:	A/Prof G Webb & A/Prof C Briggs
Subject Overview:	The objectives for this subject are to gain an understanding of the structure, function and relationships of bone, muscle, soft tissues and joints, the pathologic processes affecting these and the processes of repair and healing. The subject will comprise the macroscopic and microscopic appearance of skin, fascia and skeletal muscle, bone, synovial and fibrous joints, nerves and vessels and the regional, radiological, and applied anatomy of the back, upper limb, abdomen, pelvis, and lower limb. The exposure of anatomical structures and regions and the appearance of normal structures on radiographs will be studied, and cross-sections of the body at important levels will be obtained via dissection. The structure, function and metabolism of muscle and soft tissues at anatomical, cellular and molecular levels and the pathological processes that may impair these tissues and the neuromuscular control mechanism of muscle action will be incorporated. The pharmacology of autacoids, anti-inflammatory drugs and immunosuppressant drugs will be integrated.
Assessment:	Three quizzes up to one hour in duration during the semester (30%); end-of-semester written examinations up to six hours (50%); and a practical examination (20%).
Prescribed Texts:	None
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
Related Course(s):	Bachelor of Physiotherapy