

514-222 Biomedical Science and Nursing 1

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. On campus
Time Commitment:	Contact Hours: Thirty-six hours lectures, tutorials and seminars Total Time Commitment: Students are expected to devote approximately 6-10 hours per week to this subject.
Prerequisites:	514122 Foundations in Health Sciences 1 and 514125 Foundations in Health Sciences 2 or enrolment in the Bachelor of Nursing Science accelerated course via the graduate or professional entry categories.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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 courses. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Course Coordinator and the Disability Liaison Unit.
Coordinator:	Ben Barkla
Subject Overview:	<p>This subject further examines the normal physiological function of the body systems and provides an introduction to the major processes of degeneration disease, and injury across the life-span. Students will have the opportunity to study the characteristics and behaviour of micro-organisms and their relationship to infectious diseases and the immune response.</p> <p>Subject Objectives</p> <p>At the completion of this subject students will be able to:</p> <ul style="list-style-type: none"> # describe in detail the normal function of the nervous, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal and genitourinary systems; # identify the major structural and functional changes to major body systems at different stages of the human life-span; # begin to understand the pathophysiological processes, which alter normal body structure and function; # describe the relationship between infection, altered immunity and disease; # understand the principles of microbiology and infection control based on Australian standards.
Assessment:	Take-home examination 1000 words - 20%Take-home examination 1000 words - 20%Two-hour written examination - 60%Students must achieve an aggregate score of 50% in the subject and pass the two-hour written examination to achieve a pass in the subject.
Prescribed Texts:	Pocket guide to APA style (PR errin R), Houghton Mifflin College: Boston, 2004 Stedman's medical dictionary for the health professions and nursing. Australian and New Zealand edition, 5th edn (Stedman), Lippincott, Williams and Wilkins: Philadelphia, 2005 Anatomy and physiology (5th ed) (G Thibodeau and K Patton K), St Louis: Mosby, 2003

Recommended Texts:	# Study and review guide to accompany anatomy and physiology, 5th edn (G Thibodeau and K Patton), St Louis: Mosby
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
Generic Skills:	At the completion of this subject students will be able to demonstrate: # critical thinking, analytical skills and the capacity for problem solving; # the capacity for information seeking, retrieval and evaluation; # communication of knowledge using oral and written presentation methods in using appropriate scientific language
Links to further information:	http://www.nursing.unimelb.edu.au/
Notes:	n/a