NURS50003 Nursing Science 1

Credit Points:	12.50
Level:	5 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: 24 hours lectures, 12 hours tutorials. Total Time Commitment: In addition to the subject contact hours, students are expected to devote approximately 6 hours a week to this subject.
Prerequisites:	Completion of the online 'Human Anatomy for students interested in Health Sciences' if applicant has not completed a major in human anatomy.
Corequisites:	None

Subject	Study Period Commencement:	Credit Points:
NURS50004 Nursing Assessment & Care	Semester 1	25

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 think their disability will impact on meeting this requirement are encouraged to discuss this matter with the Course Coordinator and the Disability Liaison Unit.
Contact:	Nursing Melbourne School of Health Sciences The University of Melbourne Alan Gilbert Building Level 7, 161 Barry St Carlton Victoria 3010 AUSTRALIA T: +61 3 8344 4171 F: +61 3 8344 4188 E: **nursing-enquiries@unimelb.edu.au (mailto:nursing-enquiries@unimelb.edu.au)** W: **www.nursing.unimelb.edu.au (http://www.nursing.unimelb.edu.au/)**
Subject Overview:	This subject examines the normal physiological function of body systems and students are introduced to pathophysiology through discussion of the processes of degeneration, disease and injury across the lifespan. The characteristics and behaviour of micro-organisms and their relationship to infectious diseases and the immune response will also be explored. Selected drugs and their actions within the body will be introduced to students.
Learning Outcomes:	At the completion of this subject students should be able to: # describe in detail the normal function of the skin, the nervous system, including special senses, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal, genitourinary and reproductive systems; # identify the key structural and functional changes to major body systems at different stages of the human lifespan; # describe the pathophysiological processes, which alter normal body structure and function; # describe the inflammatory process; # discuss the relationship between infection, altered immunity and disease; # discuss the pharmacodynamics and pharmacokinetics of select oral, topical and inhalant medications.

Assessment:	1. 2,000 word written take home examination (40%) – Due week 82. Three (3) hour written examination (60%) - exam period
Prescribed Texts:	Patton, K. & Thibodeau, G. (2013). Anatomy and physiology (8th ed.). St. Louis: Elsevier Mosby Bullock, S. & Manias, E. (2011). Fundamentals of pharmacology (6th ed.). Australia: Frenchs Forest: Pearson Education Stedman's medical dictionary for the health professions and nursing. Australian and New Zealand Edition (5th ed.). (2005)
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 should be able to demonstrate: # the capacity for information seeking, retrieval and evaluation; # critical thinking and analytical skills; # an openness to new ideas; # planning and time management skills; # the ability to communicate knowledge through classroom and web-based discussions and written material.
Links to further information:	http://www.nursing.unimelb.edu.au/
Related Course(s):	Master of Nursing Science