NURS50006 Nursing Science 2

Credit Points:	12.5
Level:	5 (Graduate/Postgraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 36 hours lectures. Total Time Commitment: 170 hours
Prerequisites:	A pass in the following subject prior to enrolment:

Subject	Study Period Commencement:	Credit Points:
NURS50003 Nursing Science 1	Semester 1	12.50

Corequisites:

Subject	Study Period Commencement:	Credit Points:
NURS50007 Clients with Acute and Chronic Illness	Semester 2	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.
Coordinator:	Dr Snezana Kusljic
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 builds on the knowledge gained in Nursing Science 1 and examines the pathophysiology of different body systems. The common conditions that alter skin, the nervous system, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal and genitourinary and reproductive systems will be examined. Students will add to their knowledge of drugs by examining the physiological action of selected subcutaneous, intramuscular and intravenous medications.
Learning Outcomes:	At the completion of this subject students should be able to: # identify and discuss in detail the pathophysiology of common disorders that affect skin, the nervous system including special senses, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal, genitourinary and reproductive systems; # identify the occurrence of common pathological processes across the lifespan;

	# discuss the pharmacodynamics and pharmacokinetics of select subcutaneous, intramuscular and intravenous medications.
Assessment:	2,000-word case study (40%) - Due week 8 3-hour written examination (60%) - University exam period Students must achieve an aggregate of 50% and pass the 3-hour written examination to pass the subject.
Prescribed Texts:	Patton, K. & Thibodeau. G. & (2013). Anatomy and physiology (8th ed.). St. Louis: Elsevier Mosby. McCance, K. & Huether, S. (2010). Pathophysiology: The biological basis for disease in adults and children (6th ed). St. Louis: Mosby. Bullock, S., Manias, E. (2014). Fundamentals of pharmacology (7th ed.). Australia: Frenchs Forest, NSW: Pearson Education. Stedman's medical dictionary for the health professions and nursing . Australian and New Zealand Edition (6th ed.) Philadelphia: Lippincott, Williams and Wilkins.
Recommended Texts:	Rang, H., Dale, M., Ritter, et al. (2012). Rang and Dale's Pharmacology (7th ed.). Churchill: Livingstone
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 work effectively in a team; # 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 Master of Nursing Science