

514-753 Nursing Science 1

Credit Points:	12.50
Level:	5 (Graduate/Postgraduate)
Dates & Locations:	On campus
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:	n/a
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.
Contact:	School of Nursing and Social Work The University of Melbourne Level 5, 234 Queensberry St Carlton Victoria 3053 AUSTRALIA T: +61 3 8344 9400 F: +61 3 9347 4375 W: www.nursing.unimelb.edu.au (outbind://43-0000000CD7A735E6BE0F5439D1584CFA9EBD3F807005C7FCD58FEB255418EB4D09 www.nursing.unimelb.edu.au) W: www.socialwork.unimelb.edu.au (outbind://43-0000000CD7A735E6BE0F5439D1584CFA9EBD3F807005C7FCD58FEB255418EB4D09 www.socialwork.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.
Objectives:	At the completion of this subject students should be able to: <ul style="list-style-type: none"> # 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:	Take home examination ~ 1,000 words (20%) - Due week 6 Take home examination ~ 1,000 words (20%) - Due week 10 Three-hour written examination (all content) (60%) - At the end of semester Students must achieve an aggregate of 50% and pass the three-hour written examination to pass the subject.

Prescribed Texts:	n/a
Recommended Texts:	Drake, R. L., Vogl, W., & Mitchell, A.W. (2005). <i>Gray's anatomy for students</i> . Philadelphia; Elsevier 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: <ul style="list-style-type: none"> # 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