

514-322 Biomedical Science and Nursing 3

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	On campus
Time Commitment:	Contact Hours: 36 hours lectures Total Time Commitment: In addition to the subject contact hours, students are expected to devote approximately 3 hours a week to this subject.
Prerequisites:	514221 Biomedical Science and Nursing 1 514225 Biomedical Science and Nursing 2
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:	Students will expand their knowledge and understanding of the structural, functional and developmental aspects of the body through problem-based learning and tutorial sessions. Students will address complex diseases related to the cardiac, respiratory, gastrointestinal, endocrine and renal systems. Common medical and other treatment modalities including drug therapy used in the management of patients with conditions related to these systems will also be studied. Normal pregnancy, birthing and common complications will be explored. The impact of complex problems on the client's mental health status will be considered.
Objectives:	At the completion of this subject students will be able to: <ul style="list-style-type: none"> # discuss the pathophysiology of complex diseases of the cardiac, respiratory, gastrointestinal, endocrine, neurological and genitourinary systems; # further develop an understanding of the pathophysiological changes occurring in clients with an acute mental illnesses such as anxiety, psychosis and depression; and # discuss the pharmacology of drug groups commonly used in patients with these conditions.
Assessment:	One 1000-word assignment (25%) - Due week 6 One 1000-word assignment (25%) - Due week 12 One 2-hour written examination (50%) - At end of Semester Students must achieve an aggregate score of at least 50% and pass the two-hour written examination to achieve a pass this subject.
Prescribed Texts:	Psychiatric mental health nursing, 6th edn (N Frisch and L Frisch), USA: Delmar/Thomson Learning, 2006 Pathophysiology: The biological basis for disease in adults and children (K McCance and S Huether), St Louis: Mosby, 2002 Pocket guide to APA style (R Perrin), 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 Mosby's medical nursing and allied health dictionary, 6th edn (DM Anderson), St Louis: Mosby, 2002 Clinical psychomotor skills: assessment tool for nursing students, 2nd edn (J Tollefson J), Social Science Press: Australia, 2004
Recommended Texts:	# Fundamentals of pharmacology: a text for nurses and allied health professionals, 4th edn (A Galbraith, S Bullock and E Manias), French Forest: Prentice Hall, 2004
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: <ul style="list-style-type: none"> # analytical skills and the capacity for problem solving; # the capacity for information seeking, retrieval and evaluation; # communication of knowledge using written and oral presentation methods using appropriate scientific language
Links to further information:	http://www.nursing.unimelb.edu.au/