



NURS N101F Human Anatomy and Physiology

Course outline

Term:	Autumn Term and Spring Term
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Introduction

NURS N101F (Human Anatomy and Physiology) is one of the core courses offered to *Bachelor of Nursing with Honours (General Health Care)* and the *Bachelor of Nursing with Honours (Mental Health Care)* students. It is a ten-credit foundation level course conducted in English.

Course aim and learning outcomes

This course is designed to provide students with the basic knowledge in human anatomy and physiology, which is essential in understanding the normal function of a human body. This course also covers basic pharmacology which serves as a foundation for students when they are studying drug-related topics. Moreover, basic concepts in microbiology will be introduced to students so as to ensure them to be aware of the causes of nosocomial infection.

Upon successful completion of the course, students should be able to:

1. describe the structures and functions of a human body;
2. identify the factors necessary for normal human growth and development;
3. explain the fundamental concepts in pharmacology;
4. illustrate the major principles and concepts in microbiology;
5. elaborate on the preventive measures against nosocomial infection.

Assessment strategies

Continuous assessment: 50% (one test, 30%; four laboratory reports, 20%)

Examination: 50% (one written examination)

Teaching Plan

Week	Topic	Lecture hour	Tutorial hour	Lab hour	Revision hour
Autumn term					
1	Introduction to human body	4	\	3.5	\
2	Blood and circulatory system (1)	4	1	1	\
3	Blood and circulatory system (2)	4			
4	Respiratory system (1)	4	1	1	\
5	Respiratory system (2)	4			
6	Urinary system (1)	4	1	2	\
7	Urinary system (2)	4			
8	Digestive system (1)	4	1	1.5	\
9	Digestive system (2)	4			
10	Nervous system and special senses (1)	4	1	1.5	\
11	Nervous system and special senses (2)	4			
12	Nervous system and special senses (3)	4			
13	Musculoskeletal system (1)	4	\	\	\
Spring term					
1	Musculoskeletal system (2)	4	1	\	\
2	Endocrine system (1)	4	1	\	\
3	Endocrine system (2)	4			
4	Reproductive system (1)	4	1	\	\
5	Reproductive system (2)	4			
6	Immune system (1)	4	1	\	\
7	Immune system (2)	4			
8	Drugs (1)	4	1	\	\
9	Drugs (2)	4			
10	Drugs (3)	4			
11	Microbes and infection (1)	4	1	3.5	\
12	Microbes and infection (2)	4			
13	Microbes and infection (3)	4			
Total:		104	11	14	1

Textbook

- McConnell, III, T. H., & Hull, K. L. (2011). *Human Form, Human Function: Essentials of Anatomy & Physiology* (1st ed.). Lippincott Williams & Wilkins.

References

- Corbett, J. V. (2012). *Laboratory Tests and Diagnostic Procedures: with Nursing Diagnoses* (8th ed.). New Jersey: Pearson.
- Holland, L. N., & Adams, M. P. (2014). *Core Concepts in Pharmacology* (4th ed.). New Jersey: Pearson.
- Marieb, E. N., & Hoehn, K. (2015). *Human anatomy and physiology* (10th ed.). New York: Benjamin Cummings.
- Waugh, A., & Grant, A. (2014). *Ross & Wilson anatomy and physiology in health and illness* (12th ed.). London: Churchill Livingstone.
- Wilson, J. (2000). *Clinical microbiology: An introduction for healthcare professionals* (8th ed.). London: Baillie Tindall.