NATS 1010 HUMAN ANATOMY AND PHYSIOLOGY 2

Credit Points 10

Legacy Code 400869

Coordinator Cherylea Browne (https://directory.westernsydney.edu.au/search/name/Cherylea Browne/)

Description Human Anatomy and Physiology 2 systematically covers anatomy and physiology at an introductory level. This subject is designed to provide students, especially those in clinical health science programs, with an overview of body systems and their functions, to ensure a suitable basis for their future studies. The subject studies the basic structure and function of the major body systems such as cardiovascular, respiratory, digestive, urinary, reproductive and lymphatic. This subject also explores the physiological processes involved in the immune response, cell metabolism, regulation of body fluids and acid-base balance. Emphasis is placed on the interconnection and relationship between structure and function at every level of organisation.

School Science

Discipline Medical Science

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects NATS 1030
NATS 1001

Incompatible Subjects LGYA 5933 - Introduction to Human Anatomy and Histology BIOS 1024 - Introduction to Human Physiology BIOS 1018 - Human Medical Sciences 2 LGYA 7033 - Human Medical Sciences 1 NATS 1013 - Introduction to Anatomy NATS 1015 - Introduction to Anatomy and Histology NATS 1017 - Introduction to Human Physiology BIOS 1025 - Introduction to Physiology NATS 1012 - Introduction to Anatomy

Restrictions

None

Assumed Knowledge

Basic biological/anatomical/physiological principles, as would be acquired in 400868 Human Anatomy & Physiology 1.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Identify, describe and explain basic form and function of specific anatomical structures.
2. Identify, describe and explain the physiological processes of major body systems.
3. Describe and explain the interrelationships within and between anatomical and physiological systems of the human body.
4. Describe and explain how body systems help to maintain a constant internal environment.

Subject Content

1. Introductory anatomy and physiology of the following body systems:
- cardiovascular system
- Respiratory system
- Digestive system
- Urinary system
- Reproductive system
- Lymphatic system and Immunity
2. Body fluids, acid-base balance, metabolism

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Intra-session Exam	40 minutes	25	N	Individual	N
Intra-session Exam	40 minutes	25	N	Individual	N
Quiz	45 minutes each	10	N	Individual	N
Final Exam	2 hours	40	N	Individual	N
Quiz	15 minutes	S/U	N	Individual	N

Prescribed Texts

- Marieb, E.N. and Hoehn, K. (2010). Human Anatomy and Physiology. 8th Edition. San Francisco: Benjamin Cummings/Pearson.

Teaching Periods

Spring (2025)

Campbelltown

Hybrid

Subject Contact Cherylea Browne (https://directory.westernsydney.edu.au/search/name/Cherylea Browne/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=NATS1010_25-SPR_CA_3#subjects)

Parramatta - Victoria Rd

Hybrid

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