

# 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/](https://directory.westernsydney.edu.au/search/name/Cherylea%20Browne/))

**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 HECS Band contribution amount via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/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
Intra-session Exam	Up to 40 mins	45	N	Individual
Multiple Choice	45 minutes	15	N	Individual
Final Exam	2 hours	40	N	Individual
Learning Contract	15 minutes	0	Y	Individual

Prescribed Texts

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

Teaching Periods

## Spring (2022)

### Campbelltown

**Day**

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View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS1010\\_22-SPR\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS1010_22-SPR_CA_D#subjects))

### Parramatta - Victoria Rd

**Day**

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## Spring (2023)

### Campbelltown

**On-site**

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## **Parramatta - Victoria Rd**

### **On-site**

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