

# NATS 1023 INTRODUCTION TO PHYSIOLOGY

Legacy Code 301353

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### Student Contribution Band

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

## Learning Outcomes

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

1. Describe the physiology of the discussed organ systems in detail.
2. Explain how the discussed organ systems are integrated and controlled by the endocrine and nervous system in order to maintain homeostasis.
3. Identify and list examples of negative and positive feedback loops.
4. Conduct simple measurements and record and interpret the results.
5. Interpret, present and discuss recorded data of the functioning of one organ system.
6. Analyse the complexity of the selected organ systems.
7. Communicate effectively by listening, speaking and participating in discussion of physiology.

## Subject Content

1. Homeostasis
2. Physiology of the Nervous System
3. Cardiovascular Physiology
4. Respiratory physiology
5. Renal function and body fluid homeostasis
6. Physiology of the endocrine system
7. Muscle physiology and exercise
8. Nutrition, metabolism and gastrointestinal function
9. Physiology of the reproductive system

## 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/ Mandatory Group Task
Tutorial worksheets and practical quizzes (5% each)	5 tutorial worksheets and 2 practical quizzes	30	N	Individual
Prac report and marking of example prac report		30	N	Individual

Participation at tutorial and practicals	10 attendance/ participation threshold required	N	Individual
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Final Exam	1 hour	30	N	Individual
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### Prescribed Texts

- <https://ebookcentral.proquest.com/lib/uwsau/reader.action?docID=5187614&query=human+anatomy+and+physiology>