

# BIOS 1010 BIOSCIENCE 1

Case Study	1,000 words	40	N	Individual
Final Exam	1 hour	40	N	Individual

**Credit Points** 10

**Legacy Code** 401002

**Coordinator** Anna Maceri (<https://directory.westernsydney.edu.au/search/name/Anna Maceri/>)

**Description** This subject will be replaced from Autumn 2022 by 401469 Bioscience 1. This subject introduces nursing and midwifery students to the terminology and major introductory concepts related to normal structure and function of the human body and its relationship to performances of activities of living and healthy lifestyle practices.

**School** Nursing & Midwifery

**Discipline** Human Biology

**Student Contribution Band** HECS Band 2 10cp

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.

**Level** Undergraduate Level 1 subject

## Learning Outcomes

1. Define anatomy and physiology of the human body across the lifespan
2. Identify appropriate terminology to biological concepts and mechanisms
3. Describe the physiological healthy body systems and homeostasis
4. Explain the impact of lifestyle practices that improve people's health literacy with relevance to nursing and midwifery practice
5. Analyse biological concepts of health conditions related to Australian National Health Priority areas

## Subject Content

1. To inform nursing and midwifery practice, the following body systems are reviewed
  - a. Human genome basics
  - b. The integument, cardiovascular, respiratory, digestive, musculoskeletal, nervous, endocrine, reproductive and urinary systems
2. For each system, the concepts addressed are
  - a. Fundamentals of Anatomy and Physiology
  - b. Levels of body system organisation
  - c. Growth and development across the lifespan
  - d. Homeostasis and health
  - e. Relationship to activities of living and healthy lifestyle practices
  - f. Relationship to National Health Priorities - Obesity

## 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
Quiz	30 minutes each x 3	20	N	Individual