NURS 1023 BIOSCIENCE 1

Credit Points 10

Legacy Code 401469

Coordinator Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

Description Bioscience 1 introduces the core concepts and terminology related to the structure, function and homeostasis of the human body. Students begin to describe the relationships between the Australian National Health Priority areas and performances of activities of living and healthy lifestyle practices.

School Nursing & Midwifery

Discipline General Nursing

Student Contribution Band HECS Band 1 10cp

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

Level Undergraduate Level 1 subject

Equivalent Subjects BIOS 1010 - Bioscience 1

Restrictions

Students must be enrolled in 4691 Bachelor of Nursing, 4780 Bachelor of Nursing - WSU Online or 4684 Bachelor of Midwifery or 4693 Bachelor of Nursing (Advanced). Unitrack students may study this unit as a miscellaneous unit.

Learning Outcomes

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

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. Anatomical terminology
2. Body organisation and cavities
3. Cell structure and function
4. Human genomic basics and cell cycle
5. Tissue types (structure, function, and location)
6. Principles of homeostasis
7. For each body system (integumentary, cardiovascular, respiratory, musculoskeletal, digestive, nervous, endocrine, reproductive and urinary) address:

a. fundamentals of anatomy and physiology
b. changes across the life span
c. maintenance of homeostasis and health
d. relationship to healthy lifestyle practices
e. relationship to National Health Priorities

Special Requirements

Essential equipment

Access to an internet enabled device is essential in order to be able to: access course materials; to participate in discussion groups; and to access additional resources provided by the lecturer during the session. See http://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/uwsonline_student_support for further information.

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	20	N	Individual
Short Answer	1,200 words	40	N	Individual
Final Exam	1 hour	40	N	Individual
Participation	All teaching weeks	S/U	Y	Individual

Teaching Periods

WSU Online TRI-3 (2023)

Wsu Online

Online

Subject Contact Melanie Bingham (https://directory.westernsydney.edu.au/search/name/Melanie Bingham/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=NURS1023_23-OT3_OW_2#subjects)

WSU Online TRI-1 (2024)

Wsu Online

Online

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-OT1_OW_2#subjects)

Autumn (2024)

Campbelltown

On-site

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-AUT_CA_1#subjects)

Hawkesbury

On-site

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-AUT_HW_1#subjects)

Liverpool

On-site

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-AUT_LP_1#subjects)

Parramatta - Victoria Rd

On-site

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-AUT_PS_1#subjects)

WSU Online TRI-2 (2024)

Wsu Online

Online

Subject Contact Bashir Sumar (https://directory.westernsydney.edu.au/search/name/Bashir Sumar/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-OT2_OW_2#subjects)

WSU Online TRI-3 (2024)

Wsu Online

Online

Subject Contact Melanie Bingham (https://directory.westernsydney.edu.au/search/name/Melanie Bingham/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS1023_24-OT3_OW_2#subjects)