

Course Outline (Higher Education)

School:	School of Health
Course Title:	HUMAN ANATOMY AND PHYSIOLOGY
Course ID:	HENAH4000
Credit Points:	0.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	060301

Description of the Course:

This short course is designed for students who have not previously completed an undergraduate or higher Anatomy and Physiology course (to the value of 15cp in the last seven years), and to support graduate entry into the N09 Master of Clinical Nursing (Graduate Entry) program. The course examines human anatomical and physiological processes, and their integration and control with particular focus on the maintenance of normal body function. The course encourages students to demonstrate an application of biological science knowledge. An integrated whole-body approach provides inter-professional learning opportunities and allows scrutiny of structural and physiological changes across the lifespan.

This online course is delivered in eight modules, comprising content and assessment on the organisation of the human body from chemical and cellular basics to body systems; the maintenance of homeostasis; the structure and function of the musculoskeletal system; the structure and the major integrative functions of the nervous, cardiovascular, respiratory and reproductive systems; the structure and function of the integumentary and lymphatic systems with emphasis on their roles in immunity; the structure and function of the endocrine, digestive and urinary systems; metabolism; the special senses; growth and development

Grade Scheme: Ungraded (S, UN)

Placement Component: No

Program Level:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Advanced	■	■	■	■	■	■

Learning Outcomes:

Knowledge:

- K1.** Describe the relationships between the structure of the various systems and their roles in bodily functions including the maintenance of homeostasis
- K2.** Differentiate the major changes during growth and development across the lifespan and how they relate to health

Skills:

- S1.** Relate the concept of homeostasis to physiological processes
- S2.** Locate components of the body systems using a variety of resources together with its relevance to practice within health

Application of knowledge and skills:

- A1.** Demonstrate accurate use of health terminology related to human anatomy and physiology for communication in a health or therapeutic environment
- A2.** Make accurate observations of anatomical and physiological structures or events in normal functioning conditions
- A3.** Apply theoretical concepts to simulated scenarios to develop a framework for critical understanding human anatomy and physiology within practical settings

Course Content:

Topics may include:

- Introduction to anatomy and physiology, body organisation, terminology, homeostasis, cells and tissues
- Skeletal system, muscular system, joints
- Nervous System - introduction, central and peripheral
- Cardiovascular system (heart, blood and circulation), respiratory system
- Endocrine system, lymphatic system and immunity
- Urinary system, fluid and electrolytes
- Reproductive system, growth and development, genetics
- Digestive system, metabolism

Values:

- V1.** Understand the importance of a sound knowledge in anatomy and physiology for health
- V2.** Appreciate the application of knowledge in the biological sciences to providing health care across the lifespan

Graduate Attributes

The Federation University FedUni graduate attributes (GA) are entrenched in the [Higher Education Graduate Attributes Policy](#) (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes**

and assessment for each FedUni course, and all attributes must be directly assessed in each program

Students will be equipped with advanced level knowledge of the determinants of health, health determinants and the skills, motivation and confidence to engage in continuous learning to meet the personal, professional and vocational challenges of an ever changing world;

Graduate attribute and descriptor		Development and acquisition of GAs in the course	
		Learning outcomes (KSA)	Assessment task (AT#)
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1, K2, S1, S2, A1, A2, A3	AT1
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	N/A	N/A
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	N/A	N/A
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	N/A	N/A
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	N/A	N/A

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, S1, S2, A1, A2, A3	Content delivered online; student-directed learning tasks using multimedia approaches	Eight (8) online quizzes (S grade - 50% or more in each one of the 8 quizzes required)	S/U

Adopted Reference Style:

APA

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)