

Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	ANATOMY AND PHYSIOLOGY FOR HEALTH & NUTRITION 2
Unit ID:	HEALT1122
Credit Points:	15.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	(HEALT1112 and SCBIO1020)
ASCED:	010913

Description of the Unit:

This unit is one of two units that provide important knowledge of human structure and function relevant to health and nutrition. Human body systems and the biological basis of human health will be explored, initially focussing on body defences, then integration and control of body systems via hormonal processes, followed by maintenance of normal body functions by the processes of digestion and fluid balance. Subsequent scrutiny of the anatomy and physiology of reproduction, pregnancy, growth and development, allows students to identify changing nutritional needs across the lifespan.

Topics include: 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; reproduction and pregnancy; and growth and development.

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

Not wholly work experience: Student is not undertaking work experience in industry or student is undertaking work experience in industry where learning and performance is directed by the provider.

Placement Component: No

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of

supplementary assessment

Course Level:

Level of Unit in Course	AQF Level of Course					
	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"/>					
Advanced	<input type="checkbox"/>					

Learning Outcomes:

Knowledge:

- K1.** Describe the relationships between the structure of the integumentary, lymphatic, endocrine, urinary and digestive systems and their roles in bodily functions including the maintenance of homeostasis.
- K2.** Describe the major structural and functional changes occurring during reproduction, pregnancy, growth and development.
- K3.** Explain the role of various nutritional practices on normal body function throughout the lifespan.

Skills:

- S1.** Relate the concept of homeostasis to physiological processes.
- S2.** Apply underlying physiological principles to health and nutrition.
- S3.** Evaluate health and nutrition data relevant to the functioning of an individual's body system at their particular life stage.

Application of knowledge and skills:

- A1.** Demonstrate accurate use of terminology related to human anatomy and physiology for communication in a health context.
- A2.** Make accurate observations of anatomical and physiological structures or events in normal functioning conditions and evaluate nutritional influence on these functions.
- A3.** Demonstrate and apply a framework for assessing nutritional impacts on the functioning of various body systems at specific life stages.

Unit Content:

- Integumentary System and Nonspecific Defences
- Lymphatic System and Immunity
- Endocrine System and Hormones
- Digestive system: Structural Aspects, Digestive and Metabolic Processes
- Urinary System: Structural Aspects and Processes
- Fluid and Electrolyte Balance
- Reproductive Systems
- Pregnancy and Growth and Development

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
S1, S2, S3, K1, K2, K3, A1, A2, A3	Students participate in and complete Applied Activity Tasks. Participation can involve undertaking applied activities, analysing scenarios, engaging in forums, generating, collating, and interpreting data and completing worksheets to address their competency and comprehension of the work being undertaken.	Applied Activities: Participation and Completion	20-40%
K1, K2, K3	Student-directed online learning tasks using multimedia approaches to assess knowledge and skills as they relate to structure and function of the human body	Online quizzes	20-40%
S1, S2, S3, K1, K2, K3, A1, A2, A3	Online theory test covering all learning outcomes, completed at the end-of-semester. Questions assess students' knowledge and skills as they relate to structure and function of body systems and nutritional impacts on these systems	End of semester theory test	30-50%

Adopted Reference Style:

APA

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

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