

NATS 1001 CONCEPTS IN HUMAN ANATOMY

Credit Points 10

Legacy Code 301126

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Description This unit provides a basic understanding of human embryological development, anatomical terminology, and a range of foundation concepts in human anatomy. Students must attend a 'wet' laboratory session where the learning of anatomy will be enhanced through the study of human cadaveric material. Wet laboratory sessions are not available on all campuses, and therefore students will need to travel to other campuses in order to attend.

School Science

Discipline Medical Science

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 1 subject

Equivalent Subjects NATS 1013 - Introduction to Anatomy
NATS 1002- Concepts in Human Anatomy (WSTC)

Restrictions Because of space and resource limitations, this subject will be restricted to students in the following programs: 3673 Bachelor of Medical Science 3682 Bachelor of Medical Science (Advanced) 3733 Bachelor of Medical Science (Forensic Mortuary Practice) 3589 Bachelor of Science (Forensic Science) 3755 Bachelor of Medical Science 3758 Bachelor of Advanced Medical Science and MT3022 Forensic Science

Assumed Knowledge

HSC Biology.

Learning Outcomes

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

1. Use anatomical terminology correctly.
2. Describe the process of human development from fertilisation to organogenesis
3. Describe the major structural levels of organisation in the human body
4. Identify and describe the general features of the major tissue types and explain their relationship with major structural levels of organisation
5. Describe and apply the basic principles of the integumentary and endocrine systems
6. Describe and apply the basic principles of osteology: bone formation and repair, classifications and functions, names of major bones
7. Describe and apply the basic principles of arthrology: functional and structural joint classifications
8. Describe and apply the basic principles of myology: skeletal muscle classification and functions
9. Identify and describe the anatomy of the body cavities. Identify and describe the major organ systems that occupy these cavities and

the physical and functional relationships of these systems to one another.

Subject Content

1. Anatomical terminology
2. Human development
3. Organisation of the human body
4. Overview of Human tissues
5. Osteology
6. Arthrology
7. Myology
8. Structure and function of the major organ systems

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.

Item	Length	Percent	Threshold	Individual/ Group Task
Quiz - 1x online worksheet	Available online for completion for 1 week. Opens in week 2	10	N	Individual
3x MCQ mini tests (progressive – assessing new material covered since last test. Equally weighted)	3 x 50 mins each (20% x 3)	60	N	Individual
End of session exam	40 minutes	30	N	Individual

Prescribed Texts

- Amerman EC 2019, Human Anatomy and Physiology 2nd edn, Pearson Education Ltd, UK
- Mastering A&P (online textbook resources) <http://www.pearson.com.au/9781292128269>

Teaching Periods