

NATS 2004 ANATOMY OF THE THORAX AND ABDOMEN

Credit Points 10

Legacy Code 300894

Coordinator Manisha Dayal ([https://directory.westernsydney.edu.au/search/name/Manisha Dayal/](https://directory.westernsydney.edu.au/search/name/Manisha%20Dayal/))

Description This subject builds on the systems anatomy studied during first year, and explores the regional anatomy of the contents and walls of the human thorax and abdominopelvic cavities. Emphasis is placed on the relationship between structures, and the nexus between form and function. Cadaveric specimens are used in this subject to illustrate the array of normal anatomical variation.

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 2 subject

Pre-requisite(s) NATS 1010

Restrictions

Students must be enrolled in program code 3755 Bachelor of Medical Science, 3758 Bachelor of Advanced Medical Science, 3673 Bachelor of Medical Science, 3657 Bachelor of Medical Science/Bachelor of Information and Communications Technology, or 3682 Bachelor of Medical Science (Advanced), 3733 Bachelor of Medical Science (Forensic Mortuary Practice) or 6002 Diploma in Science/Bachelor of Medical Science and have successfully completed 60 credit points

Learning Outcomes

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

1. Identify structures within and associated with the thoracic, abdominal and pelvic cavities on cadaveric specimens in addition to models and graphic material.
2. Explain the functional anatomy of the thoracic, abdominal and pelvic regions.
3. Analyse and explain functional and spatial relationships between structures in the thoracic, abdominal and pelvic regions.
4. Discuss the embryological development of the intraembryonic coelom, the subsequent major cavities and associated major intraperitoneal and retroperitoneal viscera.
5. Identify and discuss normal anatomical variations of the thoracic, abdominal and pelvic regions.
6. Describe common abnormalities in the thoracic, abdominal and pelvic regions, and explain their anatomical basis and functional consequences.

Subject Content

1. thoracic wall
2. thoracic cavity and viscera
3. abdominal wall
4. abdominal cavity and viscera
5. pelvic wall and floor

6. pelvic cavity and viscera
7. vasculature of thoracic, abdominal and pelvic cavities
8. innervation of thoracic, abdominal and pelvic cavities
9. muscles of the back
10. vertebral column
11. embryological development of major thoracic, abdominal and pelvic viscera

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
Literature Review	Up to 1000 words, 10mins	30	N	Individual
Practical Exam	45 mins	15	N	Individual
Practical Exam	45 mins	15	N	Individual
Final Exam	2 hours	40	N	Individual

Prescribed Texts

- Moore, Dalley & Agur (2017). Moore Clinically Oriented Anatomy: 8th Edition. New York: Wolters Kluwer | Lippincott Williams & Wilkins
- Hansen JT (2018). Netter's Anatomy coloring book. Philadelphia: Elsevier

Teaching Periods

Autumn (2022)

Campbelltown

Day

Subject Contact Manisha Dayal ([https://directory.westernsydney.edu.au/search/name/Manisha Dayal/](https://directory.westernsydney.edu.au/search/name/Manisha%20Dayal/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS2004_22-AUT_CA_D#subjects)

Autumn (2023)

Campbelltown

On-site

Subject Contact Manisha Dayal ([https://directory.westernsydney.edu.au/search/name/Manisha Dayal/](https://directory.westernsydney.edu.au/search/name/Manisha%20Dayal/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=NATS2004_23-AUT_CA_1#subjects)