# NATS 3006 ANATOMY OF THE HEAD AND NECK

**Credit Points** 10

**Legacy Code** 300897

**Coordinator** Manisha Dayal (https://directory.westernsydney.edu.au/search/name/Manisha Dayal/)

**Description** This subject builds on the systems anatomy taught during the first year, offering a regional study of the human head & neck. Emphasis is placed on the identification and description of the structures, including the correlation of structure and function. Cadaveric specimens are used to aid the learning of these regions and their three-dimensional aspect, including the anatomical variation found in these regions.

**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 3 subject

**Pre-requisite(s)** NATS 1010 - Human Anatomy and Physiology 2

**Restrictions**

Successful completion of 120 credit points. Students must be enrolled in 3755 Bachelor of Medical Science, 3657 Bachelor of Medical Science (Advanced), 3673 Bachelor of Medical Science, 3682 Bachelor of Medical Science (Advanced) or 6002 Diploma in Science/Bachelor of Medical Science

## Learning Outcomes

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

1. Identify structures within and associated with the head and neck regions on cadaveric specimens in addition to models and graphic resources.
2. Analyse and explain functional and spatial relationships between structures in the head and neck regions.
3. Discuss the embryological development of the head and neck region and relate this to the nerve supply of each of these regions.
4. Identify and discuss normal anatomical variations of the head and neck regions.
5. Describe common abnormalities in the head and neck regions, and explain their anatomical basis and functional consequences.

## Subject Content

1. Skull and cervical vertebrae
2. Cranial meninges
3. Peripheral distribution of cranial nerves in the head and neck
4. Face and scalp
5. Eye and orbit
6. Oral cavity
7. Nasal cavity
8. Ear
9. Neck triangles and root of neck
10. Suboccipital triangle
11. Pharynx
12. Larynx
13. Blood supply to the head and neck
14. Embryological development of the head and neck

## 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 and Scientific Poster | 30 | N | Group |
| Intra-session Exam | Up to 45 minutes | 15 | N | Individual |
| Intra-session Exam | Up to 45 minutes | 15 | N | Individual |
| Final Exam | 2 hours | 40 | N | Individual |

Prescribed Texts

- Moore, K. L., Dalley, A. F., & Agur, A. M. R. (2014). Clinically oriented anatomy (7th ed.). Philadelphia, PA: Wolters Kluwer.
- Hansen JT (2014). Netter﷯fs Anatomy coloring book (2nd ed.). Philadelphia: Elsevier

Teaching Periods

## Spring (2022)

### Campbelltown

#### Day

**Subject Contact** Manisha Dayal (https://directory.westernsydney.edu.au/search/name/Manisha Dayal/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3006_22-SPR_CA_D#subjects)

## Spring (2023)

### Campbelltown

#### On-site

**Subject Contact** Manisha Dayal (https://directory.westernsydney.edu.au/search/name/Manisha Dayal/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=NATS3006_23-SPR_CA_1#subjects)