UNSW Course Outline

ANAT3131 Functional Anatomy of the Head, Neck and Back - 2024

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General Course Information

Course Code : ANAT3131
Year : 2024
Term : Term 2
Teaching Period : T2
Is a multi-term course? : No
Faculty : Faculty of Medicine and Health
Academic Unit : School of Biomedical Sciences
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

You will gain an understanding of functional and clinically relevant anatomy of the head, neck and back regions of the human body. You will develop comprehensive knowledge of head and neck region of the human body, including its musculoskeletal, visceral and neurovascular

components. The learning activities in this course aim to develop thorough understanding of the normal anatomy that can be applied to clinically relevant scenarios and medical imaging using problem-solving skills.

Course Aims

The aim of this course is to help you develop comprehensive knowledge of the head and neck region of the human body, including its musculoskeletal, visceral and neurovascular components. The learning activities in this course are designed to help you develop a thorough understanding of normal anatomy that can be applied to clinically relevant scenarios and medical imaging using problem-solving skills.

Relationship to Other Courses

Assistance with progression checking:

If you are unsure how this course fits within your program, you can seek guidance on optimising your program structure from staff at the Nucleus Student Hub.

- Progression plans for UNSW Medicine and Health programs can be found on the UNSW Medicine & Health website.
- Progression plans for UNSW Science programs can be found on the UNSW Science website.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Describe and explain the functional anatomy of the head, neck, and back, including the musculoskeletal framework, viscera, neurovasculature, and lymphatics.
CLO2 : Identify the anatomy underpinning clinical and functional presentations related to the head, neck, and back.
CLO3 : Correlate normal anatomy with clinical imaging and cross-sectional anatomy.

Course Learning Outcomes	Assessment Item
CLO1 : Describe and explain the functional anatomy of the head, neck, and back, including the musculoskeletal framework, viscera, neurovasculature, and lymphatics.	• Final Theory Examination • Spot Tests • Team Assessment • Individual Quizzes
CLO2 : Identify the anatomy underpinning clinical and functional presentations related to the head, neck, and back.	• Final Theory Examination • Spot Tests • Team Assessment • Individual Quizzes
CLO3 : Correlate normal anatomy with clinical imaging and cross-sectional anatomy.	• Final Theory Examination • Spot Tests • Team Assessment • Individual Quizzes

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

All course materials and course announcements are provided on the course learning management system, Moodle (or Open Access).

By accessing and using the ICT resources provided by UNSW, you are agreeing to abide by the 'Acceptable Use of UNSW ICT Resources' policy particularly on respect for intellectual property and copyright, legal and ethical use of ICT resources and security and privacy.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Final Theory Examination Assessment Format: Individual	35%	Start Date: During exam period Due Date: During exam period
Spot Tests Assessment Format: Individual	30%	Start Date: Two spot test take place in weeks 5 and 10 Due Date: Not Applicable
Team Assessment Assessment Format: Group	25%	Start Date: These are weekly group assignments carried out in tutorials. Due Date: Not Applicable
Individual Quizzes Assessment Format: Individual	10%	Start Date: These are weekly quizzes carried out in tutorials. Due Date: Not Applicable

Assessment Details

Final Theory Examination

Assessment Overview

The final theory paper will include multiple choice and short answer questions. It will test your understanding of the functional anatomy of the body regions studied with an emphasis on demonstrating the ability to apply acquired knowledge to explaining normal functioning as well as relevant clinical scenarios. You will receive individual and generalised cohort feedback via the learning management system.

Course Learning Outcomes

- CLO1 : Describe and explain the functional anatomy of the head, neck, and back, including the musculoskeletal framework, viscera, neurovasculature, and lymphatics.
- CLO2 : Identify the anatomy underpinning clinical and functional presentations related to the head, neck, and back.
- CLO3 : Correlate normal anatomy with clinical imaging and cross-sectional anatomy.

Detailed Assessment Description

Detailed information about this assessment will be provided on the course Moodle page.

Submission notes

Refer to Moodle for submission information.

Assessment information

Use of Generative Artificial Intelligence (AI) in the assessment

UNSW Pro-Vice Chancellor Education and Student Experience (PVCESE) provides guidance on the use of generative Artificial Intelligence in assessments.

NO ASSISTANCE is permitted for this exam.

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Assignment submission Turnitin type

Not Applicable

Spot Tests

Assessment Overview

Two Spot tests (mid-term and end-term, each equal to 15%) are based on the laboratory component and assess your ability to correctly identify anatomical structures on cadaveric specimens, models, medical images and cross-sections as well as to answer a few relevant short theory questions. Individual and generalised cohort feedback will be provided via the learning management system.

Course Learning Outcomes

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Assignment submission Turnitin type

Not Applicable

Team Assessment

Assessment Overview

You will work in small teams to research allocated topics and apply knowledge to solve problems presented in tutorials. The assessment is designed to develop skills involved in critical analysis of relevant scientific literature. Teams will be assessed on disciplinary knowledge by their instructor and peers.

Feedback process: You will receive marks that are based on (1) team assessment performance where a team receives the same mark; and (2) individual marks based on peer assessment. You will also receive written justification of marks and detailed feedback on each week's submission through the learning management system.

Course Learning Outcomes

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Simple Editing Assistance is permitted for this assessment. This covers the use of tools like the spelling and grammar correction tools in Word, and use of Grammarly.

For this assessment task, you may use AI-based software to research and prepare prior to completing your assessment. You are permitted to use standard editing and referencing functions in word processing software in the creation of your submission. You must not use any functions that generate or paraphrase [or translate] passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

Assignment submission Turnitin type

Not Applicable

Individual Quizzes

Assessment Overview

This assessment task consists of weekly quizzes with each quiz weighted equally. The quizzes will assess your understanding of major concepts for a given week and your ability to correlate structure/function relationships underpinning clinical and functional presentations related to the regions studied. Individual feedback will be provided immediately after each quiz has closed. Generalised cohort feedback will also be provided via the learning management system.

Course Learning Outcomes

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Assignment submission Turnitin type

Not Applicable

General Assessment Information

Detailed instructions regarding assessments for this course are provided on the course Moodle page (or Open Learning).

For student information on results, grades, and guides to assessment see: https://student.unsw.edu.au/assessment

Grading Basis

Standard

Requirements to pass course

In order to pass this course students must:

- Achieve a composite grade of at least 50 out of 100
- Meet any additional requirements specified in the assessment details section and on Moodle.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 0 : 20 May - 26 May	Online Activity	Introduction to the Course
Week 1 : 27 May - 2 June	Lecture	Skull and Face; Introduction to Cranial Nerves
	Laboratory	Skull and Face
	Tutorial	Skull and Face Revision and Application
	Assessment	Skull and Face Quiz and Team Assessment
Week 2 : 3 June - 9 June	Lecture	Mastication
	Laboratory	Mastication
	Tutorial	Mastication Revision and Application
	Assessment	Mastication Quiz and Team Assessment
Week 3 : 10 June - 16 June	Lecture	Oral Region
	Laboratory	Oral Region
	Tutorial	Oral Region Revision and Application
	Assessment	Oral Region Quiz and Team Assessment
Week 4 : 17 June - 23 June	Lecture	Orbital Region
	Laboratory	Orbital Region
	Tutorial	Orbital Region Revision and Application
	Assessment	Orbital Region Quiz and Team Assessment
Week 5 : 24 June - 30 June	Lecture	Nose and Ear
	Laboratory	Nose and Ear
	Tutorial	Nose and Ear Revision and Application
	Assessment	Nose and Ear Quiz and Team Assessment Spot Test: Weeks 1-4 Content
Week 7 : 8 July - 14 July	Lecture	Pharynx and Larynx
	Laboratory	Pharynx and Larynx
	Tutorial	Pharynx and Larynx Revision and Application
	Assessment	Pharynx and Larynx Quiz and Team Assessment
Week 8 : 15 July - 21 July	Lecture	Neck
	Laboratory	Neck
	Tutorial	Neck Revision and Application
	Assessment	Neck Quiz and Team Assessment
Week 9 : 22 July - 28 July	Lecture	Back
	Laboratory	Back
	Tutorial	Back Revision and Application
	Assessment	Back Quiz and Team Assessment
Week 10 : 29 July - 4 August	Lecture	Revision
	Tutorial	Revision and Final Exam Preparation
	Assessment	Spot Test 2: Weeks 1-9 Content

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

General Schedule Information

The times and locations of classes can be found on myUNSW under Class Timetable.

The expected engagement for all UNSW 6UOC courses is 150 hours per term. This includes lectures, tutorials, readings, and completion of assessments and exam preparation (if relevant).

Course Resources

Prescribed Resources

Dalley AF, Agur AMR. 2023. Moore's Clinically Oriented Anatomy. Wolters Kluwer.

Recommended Resources

Recommended resources for this course are provided on the course Moodle page.

Additional Costs

There are no additional costs associated with this course.

Course Evaluation and Development

Student feedback is taken seriously, and continual improvements are made to the course based, in part, on such feedback.

We use student feedback from myExperience surveys to develop and make improvements to the course each year. We do this by identifying areas of the course that require development from both the rating responses and written comments. Please spare a few minutes to complete the myExperience surveys for this course posted at the top of the Moodle page at the end of term.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
	Goran Strkalj					No	Yes
	Anneliese Hu lme					No	No

Other Useful Information

Academic Information

As a student of UNSW Medicine & Health you are expected to familiarise yourself with the contents of this course outline and the UNSW Student Code and policies and procedures related to your studies.

Student Code of Conduct

Throughout your time studying at UNSW Medicine & Health, you share a responsibility with us for maintaining a safe, harmonious and tolerant University environment. This includes within the courses you undertake during your degree and your interactions with the UNSW community, both on campus and online.

The UNSW Student Code of Conduct website provides a framework for the standard of conduct expected of UNSW students with respect to both academic integrity and your responsibility as a UNSW citizen.

Where the University believes a student may have breached the code, the University may take disciplinary action in accordance with the Student Misconduct Procedure.

The Student Conduct and Integrity Office provides further resources to assist you to understand your conduct obligations as a student at UNSW.

Academic Honesty and Plagarism

Academic integrity

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to the principle of academic integrity, and ethical scholarship of learning is fundamental to your success at UNSW Medicine & Health.

Plagiarism, contract cheating, and inappropriate use of generative AI undermine academic integrity and are not tolerated at UNSW. For more information see the Academic Integrity and Plagiarism toolkit.

In addition to the information you are required to review in your ELISE training, UNSW Medicine & Health strongly recommends that you complete the Working with Academic Integrity module before submitting your first assessment task.

Referencing

Referencing is a way of acknowledging the sources of information that you use to research your assignments. Preferred referencing styles vary among UNSW Medicine & Health disciplines, so check your course Learning Management System (e.g. Moodle or Open Learning) page for

information on preferred referencing styles.

For further information on referencing support and styles, see the Current Student Referencing page.

Academic misconduct and plagiarism

At UNSW, academic misconduct is managed in accordance with the Student Misconduct Procedure. Allegations of plagiarism are generally handled according to the UNSW Plagiarism Management Procedure. Plagiarism is defined in the UNSW Plagiarism Policy and is not tolerated at UNSW.

Use of Generative AI and other tools in your assessment

UNSW has provided guiding statements for the use of Generative AI in assessments. This will differ, depending on the individual assessment task, your course requirements, and the course stage within your program.

Your course convenor will outline if and how you can use Generative AI in each your assessment tasks. Options for the use of generative AI include: (1) no assistance; (2) simple editing assistance; (3) planning assistance; and (4) full assistance with attribution.

You may be required to submit the original generative AI responses, or drafts of your original work. Inappropriate use of generative AI is considered academic misconduct.

See your course Moodle (or Open Learning) page for the full instructions for individual assessment tasks for your course.

Submission of Assessment Tasks

Special Consideration

In cases where illness, misadventure or other circumstances beyond your control will prevent you from submitting your assessment by the due date and you require an extension, you need to formally apply for Special Consideration through myUNSW.

UNSW has a **Fit to Sit/Submit rule**, which means that by sitting or submitting an assessment on the scheduled assessment date, you are declaring that you are fit to do so and cannot later apply for Special Consideration.

Timed online assessment tasks

If you experience a technical or connection problem during a timed online assessment, such as a timed quiz, you can apply for Special Consideration. To be eligible to apply you need to contact the Course Convenor and advise them of the issue immediately. You will need to submit an application for Special Consideration immediately, and upload screenshots, error messages or other evidence of the technical issue as supporting documentation. Additional information can be found on: https://student.unsw.edu.au/special-consideration

Examinations

Information about the conduct of examinations in your course is provided on your course Moodle page.

Other assessment tasks

Late submission of assessment tasks

UNSW has standard late submission penalties as outlined in the UNSW Assessment Implementation Procedure, with no permitted variation. All late assignments (unless extension or exemption previously agreed) will be penalised by 5% of the maximum mark per calendar day (including Saturday, Sunday and public holidays).

Late submissions penalties are capped at five calendar days (120 hours). This means that a student is not permitted to submit an assessment more than 5 calendar days (120 hours) after the due date for that assessment (unless extension or exemption previously agreed).

Failure to complete an assessment task

You are expected to complete all assessment tasks for your courses. In some courses, there will be a minimum pass mark required on a specific assessment task (a “hurdle task”) due to the need to assure clinical competency.

Where a hurdle task is applicable, additional information is provided in the assessment information on your course Moodle page.

Feedback on assessments

Feedback on your performance in assessment tasks will be provided to you in a timely manner.

For assessment tasks completed within the teaching period of a course, other than a final assessment, feedback will be provided within 10 working days of submission, under normal circumstances.

Feedback on continuous assessment tasks (e.g. laboratory and studio-based, workplace-based, weekly quizzes) will be provided prior to the midpoint of the course.

Any variation from the above information that is specific to an assessment task will be clearly indicated in the course and assessment information provided to you on your course Moodle (or Open Learning) page.

Faculty-specific Information

Additional support for students

The university offers a wide range of support services that are available for students. Here are some links for you to explore.

- The Current Students Gateway: https://student.unsw.edu.au
- Academic Skills and Support: https://student.unsw.edu.au/academic-skills
- Student support: https://www.student.unsw.edu.au/support
- Student Wellbeing, Health and Safety: https://student.unsw.edu.au/wellbeing

Mind Smart Guides are a series of mental health self-help resources designed to give you the psychological flexibility, resilience and self-management skills you need to thrive at university and at work.

- Mind Smart Guides: https://student.unsw.edu.au/mindsmart
- Equitable Learning Services: https://student.unsw.edu.au/els
- Guide to studying online: https://www.student.unsw.edu.au/online-study

Most courses in UNSW Medicine & Health use Moodle as your Learning Management System. Guidance for using UNSW Moodle can be found on the Current Student page. Difficulties with

Moodle should be logged with the IT Service Centre.

- Moodle Support: https://student.unsw.edu.au/moodle-support

The IT Service Desk is your central point of contact for assistance and support with remote and on-campus study.

- UNSW IT Service Centre: https://www.myit.unsw.edu.au/services/students

Course evaluation and development

At UNSW Medicine & Health, students take an active role in designing their courses and their overall student experience. We regularly seek feedback from students, and continuous improvements are made based on your input. Towards the end of the term, you will be asked to participate in the myExperience survey, which serves as a source of evaluative feedback from students. Your input to this quality enhancement process is valuable in helping us meet your learning needs and deliver an effective and enriching learning experience. Student responses are carefully considered, and the action taken to enhance educational quality is documented in the myFeedback Matters section of your Moodle (or Open Learning) course page.

School-specific Information

Laboratory or practical class safety.

For courses where there is a laboratory or practical-based component, students are required to wear the specified personal protective equipment (e.g., laboratory coat, covered shoes, safety glasses) indicated in the associated student risk assessments. The student risk assessments will be provided on the course Moodle page and must be read and acknowledged prior to the class.

Master of Science in Health Data Science courses

Courses in the Master of Science in Health Data Science are hosted through Open Learning. Additional resources are available on the Health Data Science Student Hub.

Recording of lectures, tutorials and other teaching activities (MSc. HDS only)

Lectures, tutorials and other teaching activities may be recorded. Students should be advised

that they are consenting to the recording by their enrolment in the course or participation in the activity. The purpose of audio and video recordings is to enhance the student experience by supporting engaged learning in an online teaching environment and ensure equitable access to all course resources for our students. If you have concerns about accessing course recordings, or being recorded, please contact the Course Convenor.

School Contact Information

School guidelines on contacting staff:

Course questions

All questions related to course content should be posted on Moodle (or Open Learning) or as directed by your Course Convenor.

In cases where email communication with course convenors is necessary, we kindly request the following:

- Use your official email address for any correspondence with teaching staff.
- We expect a high standard of communication. All communication should avoid using short-hand or texting language.
- Include your full name, student ID, and your course code and name in all communication.

Our course convenors are expected to respond to emails during standard working hours of Monday to Friday, 9am-5pm.

Administrative questions

If you have an administrative question about your program of study at the School please submit your enquiry online at UNSW Ask Us.

Complaints and appeals

Student complaints and appeals: https://student.unsw.edu.au/complaints

If you have any grievances about your studies, we invite you to address these initially to the Course Convenor. If the response does not meet your expectations, you may then contact:

School Grievance Officer, Prof Nick Di Girolamo (n.digirolamo@unsw.edu.au)

Health Data Science programs: School Grievance Officer, Dr Sanja Lujic (s.lujic@unsw.edu.au)