



ANAT1001

Introduction to Anatomy

Session 2, In person-scheduled-weekday, North Ryde 2024

Department of Chiropractic

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General Information

Unit convenor and teaching staff

Main Unit Contact

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via appointment

Co-convenor

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Credit points

10

Prerequisites

Corequisites

Co-badged status

Unit description

This is an introductory anatomy unit which provides an overview of the human body, focusing on gross anatomy with elements of histology and embryology. The gross anatomy of all body systems is covered, as well as the histology of the four basic tissue types and their examples in major organs. The unit places emphasis on the structure and organisation of the human body as it relates to function.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Define and demonstrate the appropriate use of anatomical terminology.

ULO2: Identify and describe the features of the four basic tissue types and their examples in major organs.

ULO3: Identify and describe the gross anatomical features of all body systems and

relate these to their functional properties and developmental processes.

General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128).

To pass this unit, you must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

Further details for each assessment task will be available on iLearn.

Late Submissions

Unless a Special Consideration request has been submitted and approved, a 5% penalty (OF THE TOTAL POSSIBLE MARK) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.

For example:

Number of days (hours) late	Total Possible Marks	Deduction	Raw mark	Final mark
1 day (1-24 hours)	100	5	75	70
2 days (24-48 hours)	100	10	75	65
3 days (48-72 hours)	100	15	75	60
7 days (144-168 hours)	100	35	75	40
>7 days (>168 hours)	100	-	75	0

For any late submissions of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessment Tasks

Name	Weighting	Hurdle	Due
Online Quizzes	20%	No	Weeks 2, 4, 6, 9, 10, 12

Name	Weighting	Hurdle	Due
Practical Test 1	20%	No	Week 8
Practical Test 2	20%	No	Week 13
Final Theory Exam	40%	No	Final Exam Period

Online Quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 9 hours

Due: **Weeks 2, 4, 6, 9, 10, 12**

Weighting: **20%**

Online quizzes based on the content covered in the previous weeks.

On successful completion you will be able to:

- Define and demonstrate the appropriate use of anatomical terminology.
- Identify and describe the features of the four basic tissue types and their examples in major organs.
- Identify and describe the gross anatomical features of all body systems and relate these to their functional properties and developmental processes.

Practical Test 1

Assessment Type ¹: Examination

Indicative Time on Task ²: 10 hours

Due: **Week 8**

Weighting: **20%**

Practical test related to the content covered during the practical classes in the first half of the semester.

On successful completion you will be able to:

- Define and demonstrate the appropriate use of anatomical terminology.
- Identify and describe the features of the four basic tissue types and their examples in major organs.

- Identify and describe the gross anatomical features of all body systems and relate these to their functional properties and developmental processes.

Practical Test 2

Assessment Type ¹: Examination

Indicative Time on Task ²: 10 hours

Due: **Week 13**

Weighting: **20%**

Practical test related to the content covered during the practical classes in the second half of the semester.

On successful completion you will be able to:

- Define and demonstrate the appropriate use of anatomical terminology.
- Identify and describe the features of the four basic tissue types and their examples in major organs.
- Identify and describe the gross anatomical features of all body systems and relate these to their functional properties and developmental processes.

Final Theory Exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 25 hours

Due: **Final Exam Period**

Weighting: **40%**

Theory exam related to the content covered throughout the semester.

On successful completion you will be able to:

- Define and demonstrate the appropriate use of anatomical terminology.
- Identify and describe the features of the four basic tissue types and their examples in major organs.
- Identify and describe the gross anatomical features of all body systems and relate these to their functional properties and developmental processes.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

As a student enrolled in this unit, you will engage in a range of online and face-to-face learning activities, including online modules, SGTAs, practical classes and seminars. Details can be found on the iLearn site for this unit.

Recommended Readings

McKinley, M, P., O'Loughlin, V. D. and Pennefather-O'Brien, E. E. (2021). **Human Anatomy (6th ed.)**. McGraw-Hill Education.

Software

Complete Anatomy (Elsevier) & Slice (BEST network) - access codes will be provided via iLearn.

Technology Used

Active participation in the learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

Unit Schedule

Please access your iLearn site for detailed Timetable.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)
- [Student Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

This unit has undergone major redevelopment to improve the quality of learning experience and outcomes for students. This included: development of online learning modules, increasing duration of gross anatomy laboratory practical classes from 1h to 2h, implementation of a virtual microscope for studying Histology content, development of new gross anatomy and histology practical notes, and redesign of entire assessment for the unit. All activities in the unit are constructively aligned with unit learning outcomes and assessment. To assist with a transition from introductory anatomy (where we study using anatomical models) to anatomy units at higher levels (that utilise Anatomy Wet Laboratory), we have introduced a single 2-hour workshop that provides an opportunity for students to build the links between the body systems and body regions and to appreciate anatomy of a human body as a whole. This workshop is conducted in the Anatomy Wet Laboratory, which utilises postmortem human tissues.

Inclusion and Diversity

Social inclusion at Macquarie University is about giving everyone who has the potential to benefit from higher education the opportunity to study at university, participate in campus life and flourish in their chosen field. The University has made significant moves to promote an equitable, diverse and exciting campus community for the benefit of staff and students. It is your responsibility to contribute towards the development of an inclusive culture and practice in the

areas of learning and teaching, research, and service orientation and delivery. As a member of the Macquarie University community, you must not discriminate against or harass others based on their sex, gender, race, marital status, carers' responsibilities, disability, sexual orientation, age, political conviction or religious belief. All staff and students are expected to display appropriate behaviour that is conducive to a healthy learning environment for everyone.

Professionalism

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability embedded in all our courses.

As part of developing professionalism, students are expected to attend all small group interactive sessions including clinical, practical, laboratory, work-integrated learning (e.g., PACE placements), and team-based learning activities. Some learning activities are recorded (e.g., face-to-face lectures), however you are encouraged to avoid relying upon such material as they do not recreate the whole learning experience and technical issues can and do occur. As an adult learner, we respect your decision to choose how you engage with your learning, but we would remind you that the learning opportunities we create for you have been done so to enable your success, and that by not engaging you may impact your ability to successfully complete this unit. We equally expect that you show respect for the academic staff who have worked hard to develop meaningful activities and prioritise your learning by communicating with them in advance if you are unable to attend a small group interactive session.

Another dimension of professionalism is having respect for your peers. It is the right of every student to learn in an environment that is free of disruption and distraction. Please arrive to all learning activities on time, and if you are unavoidably detained, please join activity as quietly as possible to minimise disruption. Phones and other electronic devices that produce noise and other distractions must be turned off prior to entering class. Where your own device (e.g., laptop) is being used for class-related activities, you are asked to close down all other applications to avoid distraction to you and others. Please treat your fellow students with the utmost respect. If you are uncomfortable participating in any specific activity, please let the relevant academic know.

The study of human anatomy at Macquarie University is governed by the Anatomy Act (1977) and students are admitted to the anatomy laboratories on the proviso that they comply with all relevant legislation. It is important that this includes respect and professionalism in your dealings with human material and your interactions with your colleagues and members of the public. Donating one's body to science is an act of selflessness and generosity that contributes greatly to advancing medical research and education. It behoves us all, therefore, to treat the donations with utmost care, respect and professionalism. Failure to do so not only can result in serious reputational consequences for you and the University, but can result in suspension, expulsion and possible imprisonment. Please behave professionally at all times and treat our valuable human anatomy teaching resources with utmost care and respect. Thank you.

Unit information based on version 2024.03 of the [Handbook](#)