



HLTH702

Anatomical Dissection

S2 Day 2019

Dept of Chiropractic

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Disclaimer

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General Information

Unit convenor and teaching staff
Credit points 4
Prerequisites Admission to MRes
Corequisites
Co-badged status
Unit description In this unit students will carry out a dissection of a selected body region. All gross anatomical structures will be exposed while variations and pathologies will be recorded. Dissection will enable students to learn dissecting techniques, gain an in-depth knowledge of gross anatomy and develop an appreciation for body donation and the ethical treatment of human tissue. The dissected body region will be described in a written report and presented to the examiners in a viva voce type of exam.

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:

Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.

Conduct a dissection of a selected body region demonstrating knowledge and competency in dissection techniques.

Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.

Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

General Assessment Information

Special Consideration

The University is committed to equity and fairness in all aspects of its learning and teaching. It recognises that students may experience events beyond their control that adversely affect their academic performance in assessment activities. Special Consideration applies only to *short-term, serious and unavoidable* circumstances that arise after a study period has commenced, and where specific assessment task/s have been affected. Students are expected to plan their work so that they can meet assessment deadlines at the same time as other obligations which they may have, both inside and outside the University.

Serious and Unavoidable circumstances: the University classifies circumstances as *serious and unavoidable* if they:

- could not have reasonably been anticipated, avoided or guarded against by the student; and
- were beyond the student's control; and
- caused substantial disruption to the student's capacity for undertaking assessment for the unit(s); and
- occurred during an event critical study period and were at least **three (3)** consecutive days duration or a total of 5 days within the teaching period and/or
- prevented completion of an assessment task scheduled for a specific date (e.g. final examination, in class test/quiz, in class presentation).

Students with a pre-existing disability/health condition or prolonged adverse circumstances may be eligible for ongoing assistance and support. Such support is governed by the Student Disability Support [Policy](#) and may be sought and coordinated through [Campus Wellbeing](#). It is recognised that students with chronic/long-term conditions may experience an acute episode of their condition, and that it may not always be possible for the University to put sufficient arrangements in place to provide a reasonable adjustment at the time of assessment. Such eventualities are covered by this policy.

If you receive [special consideration](#) for the final exam, a supplementary exam will be scheduled in the interval between the regular exam period and the start of the next session. By making a special consideration application for the final exam you are declaring yourself available for a resit during the supplementary examination period and will not be eligible for a second special consideration approval based on pre-existing commitments. Please ensure you are familiar with the [policy](#) prior to submitting an application. You can check the supplementary exam information page on FSE101 in iLearn (bit.ly/FSESupp) for dates, and approved applicants will receive an individual notification one week prior to the exam with the exact date and time of their supplementary examination.

Fit to Sit Model

Macquarie University operates under a 'Fit to Sit' model. This means that, in sitting an examination and/or in-class test or otherwise submitting an assessment, a student is declaring that they are fit to do so. It is the responsibility of the student to determine whether they are fit to sit an examination or test, or otherwise submit an assessment. Therefore, if a student is feeling unfit to sit the examination or test, or otherwise submit the assessment, they should not do so.

Nonetheless, a student may submit an application for Special Consideration if they can demonstrate that:

- they were unfit to make reasonable judgement on their fitness to undertake the assessment, due to mental illness or other exceptional circumstances, or
- they were taken ill during the assessment (in the case of an examination or test), and this can be independently corroborated.

In cases where a student is taken ill during an examination/class test, the student must advise the examination supervisor, who will record the case on the Examination Room Report Form.

Laboratory requirements

Students must complete all immunisation requirements and all WHS modules before entry to the lab is permitted. Details of these will be provided to the student prior to semester start.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Anatomy Presentations</u>	15%	No	Weeks 2, 5 and 8
<u>Reflection report</u>	5%	No	Week 7
<u>Research report</u>	20%	No	Week 13
<u>Anatomical dissection 1</u>	20%	No	Week 8
<u>Anatomical dissection (final)</u>	40%	No	Formal examination period
<u>Commemoration Ceremony</u>	0%	No	29 July, 2019 - 9am

Anatomy Presentations

Due: **Weeks 2, 5 and 8**

Weighting: **15%**

Over the semester students will give 3 presentations (5% each). They will present on the region of anatomy which they will next dissect. In this presentation, students will be required to detail all

anatomical structures they expect to find in this region, and highlight common anatomical variations they may encounter. Students will be assessed on depth of knowledge, presentation and communication skills.

On successful completion you will be able to:

- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Reflection report

Due: **Week 7**

Weighting: **5%**

This report will be approximately 500 words. It requires the student to reflect on body donation practices, commemorative services, the history of anatomy and how these, and knowledge of these aspects of anatomy impact learning environments that are centred around human tissue. Students will be assessed on their academic writing skills and ability to articulate complex themes.

On successful completion you will be able to:

- Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Research report

Due: **Week 13**

Weighting: **20%**

This review will focus on an anatomical variance that the student found during their dissection. The student will be required to do a review of literature on this variance. The report will outline detail of the variance and how it differs to the most commonly identified version of this structure. The report should also explore how this may affect the patients function differently, or if affected may affect clinical presentations differently. Students will be provided with a marking rubric.

On successful completion you will be able to:

- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical

presentations.

- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Anatomical dissection 1

Due: **Week 8**

Weighting: **20%**

This assessment will consist of a 15min VIVA. The student is required to present, detailing all the anatomy, their first region of dissection to two examiners. The dissection will be marked according to a rubric and the marks from both examiners will be averaged. Students will be marked on their dissection, as well as the quality of their presentation.

On successful completion you will be able to:

- Conduct a dissection of a selected body region demonstrating knowledge and competency in dissection techniques.
- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Anatomical dissection (final)

Due: **Formal examination period**

Weighting: **40%**

This assessment will consist of a 30min VIVA. The student is required to present, detailing all the anatomy, their entire dissection to two examiners. The dissection will be marked according to a rubric and the marks from both examiners will be averaged. Students will be marked on their dissection, as well as the quality of their presentation.

On successful completion you will be able to:

- Conduct a dissection of a selected body region demonstrating knowledge and competency in dissection techniques.
- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Commemoration Ceremony

Due: **29 July, 2019 - 9am**

Weighting: **0%**

Students are required to attend the Body Donation Commemorative Ceremony on Monday 29 July, 2019 9am. This will be held in 14 SCO Mason Theatre, and is a joint service of appreciation with HTLTH109 and MEDI203 students.

On successful completion you will be able to:

- Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.

Delivery and Resources

This unit is characterized by a moderate degree of flexibility. It incorporates a variety of learning tools and media. It will comprise:

One three hour practical/tutorial per week, weeks 1-13 (except where indicated). A variety of mediums will be used to teach critical concepts and discussions will be carried out.

Unit Schedule

WEEK	WORKSHOP Monday 10-11am	DISSECTION LAB Monday 12-2	DISSECTION LAB Wednesday 9-12
1 29 July	Introduction to unit	No lab	Introduction to the lab
2 5 August	Presentation 1 (5%)	Dissection Region 1	Dissection Region 1
3 12 August		Dissection Region 1	Dissection Region 1
4 19 August	Workshop	Dissection Region 1	Dissection Region 1
5 26 August	Presentation 2 (5%)	Dissection Region 1	Dissection Region 1

6 2 September		Dissection Region 2	Dissection Region 2
7 9 September	Workshop	Dissection Region 2	Dissection Region 2
MID SEMESTER BREAK			
8 30 September	Presentation 3 (5%)	Dissection Region 2	Dissection Region 2
9 7 October	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Dissection Region 2
10 14 October	Workshop	Dissection Region 3	Dissection Region 3
11 21 October		Dissection Region 3	Dissection Region 3
12 28 October	Workshop	Dissection Region 3	Dissection Region 3
13 4 November		Dissection Region 3	Dissection Region 3

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). 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](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

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

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/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

Student Support

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

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

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.

Graduate Capabilities

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

Learning outcomes

- Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Assessment tasks

- Anatomy Presentations
- Reflection report
- Research report

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

- Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.
- Conduct a dissection of a selected body region demonstrating knowledge and competency in dissection techniques.
- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.
- Communicate and articulate the outcome of dissection activities and an in-depth

knowledge of regional anatomy to the public and professional and scientific community.

Assessment tasks

- Anatomy Presentations
- Reflection report
- Research report
- Anatomical dissection 1
- Anatomical dissection (final)
- Commemoration Ceremony

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcome

- Demonstrate a detailed knowledge of human gross anatomy, an understanding of anatomical variation and apply this knowledge in a clinical context in predicting clinical presentations.

Assessment tasks

- Reflection report
- Research report

PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Assessment task

- Research report

PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically

supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcome

- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Assessment tasks

- Anatomy Presentations
- Reflection report
- Research report
- Anatomical dissection 1
- Anatomical dissection (final)

PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

Learning outcomes

- Demonstrate an understanding of body donation programs in Australia and their ethical underpinnings and apply the principles of medical bioethics, work health and safety and professionalism to the dissection process.
- Conduct a dissection of a selected body region demonstrating knowledge and competency in dissection techniques.
- Communicate and articulate the outcome of dissection activities and an in-depth knowledge of regional anatomy to the public and professional and scientific community.

Assessment tasks

- Anatomy Presentations
- Reflection report
- Research report
- Anatomical dissection 1
- Anatomical dissection (final)
- Commemoration Ceremony

