



MEDI836

Anatomy 1

SM3 Online 2016

Medicine and Health Sciences Faculty level units

Contents

| | |
|---|---|
| <u>General Information</u> | 2 |
| <u>Learning Outcomes</u> | 2 |
| <u>Assessment Tasks</u> | 3 |
| <u>Delivery and Resources</u> | 4 |
| <u>Unit Schedule</u> | 4 |
| <u>Policies and Procedures</u> | 5 |
| <u>Graduate Capabilities</u> | 6 |
| <u>Changes from Previous Offering</u> | 8 |

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Unit Convenor

Mirjana Strkalj

mirjana.strkalj@mq.edu.au

Associate Dean Learning and Teaching

Kirsty Forrest

kirsty.forrest@mq.edu.au

Panos Vlachopoulos

panos.vlachopoulos@mq.edu.au

Credit points

4

Prerequisites

Admission to GradDipAnatomy

Corequisites

Co-badged status

Unit description

This is the first of two on line units that build upon the basic anatomy taught in undergraduate medical programs. The gross anatomy of the human body is revised with an emphasis on clinically oriented and applied anatomy through full body dissection. Discussion of relevant embryology is also included. The unit is delivered via the university iLearn platform and activities are set for students to complete, with follow up quizzes that allow formative self assessment. Topic areas covered include; the anatomy of the head and neck, shoulder and arm, hip and thigh, ankle and foot. Anatomy 1 is designed to prepare students for the level of anatomical knowledge required for the intensive whole body dissection unit Anatomy 3.

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:

Describe the anatomical components of the back, upper limb, lower limb, head and neck

and related nerve innervations and blood vessels

Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images

Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability

Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Assessment Tasks

| Name | Weighting | Due |
|---|-----------|---------------------|
| Online quizzes | 40% | Throughout Session |
| Spot tests | 10% | Throughout Session |
| Annotated drawings report | 50% | Date TBA via iLearn |

Online quizzes

Due: **Throughout Session**

Weighting: **40%**

Short answer and multiple choice questions.

On successful completion you will be able to:

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Spot tests

Due: **Throughout Session**

Weighting: **10%**

.

On successful completion you will be able to:

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Annotated drawings report

Due: **Date TBA via iLearn**

Weighting: **50%**

Produce annotated drawings of anatomical structures. Annotated diagrams to include anatomical relations.

On successful completion you will be able to:

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Delivery and Resources

You will build up your anatomical competencies around several key learning outcomes within this online unit.

You will be encouraged to use materials and resources provided on iLearn, access third party online information and read relevant chapters in prescribed books. To facilitate this process online quizzes and embedded questions will be used as a tool for self-evaluation and self-direction throughout.

Unit Schedule

| Week | Region | Topic |
|------|------------|--|
| 1 | Back | Bones, Ligaments and Muscles of the Back |
| 2 | Upper Limb | Shoulder and Arm |

| | | |
|----|---------------|--|
| 3 | | Elbow and Forearm |
| 4 | | Wrist and Hand + Summary of the Upper Limb |
| 5 | | <i>Review of the Back and Upper Limb</i> |
| 6 | Lower Limb | Hip and Thigh |
| 7 | | Knee Joint |
| 8 | | Leg, Ankle Joint and Foot |
| 9 | | <i>Review of the Lower Limb</i> |
| 10 | Head and Neck | Bones and Muscles of the Head and Neck |
| 11 | | Nose, Paranasal Sinuses, Pharynx and Larynx |
| 12 | | Neuro-vascular and Lymphatic Features of the Head and Neck |
| 13 | | <i>Review of the Head and Neck</i> |

This unit is for SM3 delivery. Dates will become available via iLearn.

Policies and Procedures

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

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

New Assessment Policy in effect from Session 2 2016 http://mq.edu.au/policy/docs/assessment/policy_2016.html. For more information visit http://students.mq.edu.au/events/2016/07/19/new_assessment_policy_in_place_from_session_2/

Assessment Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Complaint Management Procedure for Students and Members of the Public http://www.mq.edu.au/policy/docs/complaint_management/procedure.html

Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of 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/support/student_conduct/

Results

Results shown in *iLearn*, 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](#).

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

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 - 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

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Assessment tasks

- Online quizzes
- Spot tests
- Annotated drawings report

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 outcomes

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply and understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Assessment tasks

- Online quizzes
- Spot tests
- Annotated drawings 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:

Learning outcomes

- Describe the anatomical components of the back, upper limb, lower limb, head and neck and related nerve innervations and blood vessels
- Relate knowledge of the back, upper limb, lower limb, head and neck to surface anatomy and medical images
- Apply an understanding of the back, upper limb, lower limb, head and neck to movement and stability
- Apply an anatomical knowledge of the back, upper limb, lower limb, head and neck to diagnosis in clinical situations

Assessment tasks

- Online quizzes
- Spot tests
- Annotated drawings report

Changes from Previous Offering

No changes made