



MEDI836

Anatomy 1

SM3 Online 2015

Human Sciences Faculty level units

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General Information

Unit convenor and teaching staff

Unit Convenor

Mirjana Strkalj

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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%**

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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

Assessment Policy <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://mq.edu.au/policy/docs/grading/policy.html>

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

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.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://informatics.mq.edu.au/help/>.

When using the University's IT, you must adhere to the [Acceptable Use 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 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

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

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