



# MEDI11003 *Relational Anatomy*

## Term 2 - 2018

Profile information current as at 21/04/2024 12:27 am

All details in this unit profile for MEDI11003 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

## General Information

### Overview

The unit examines the human body from a three-dimensional perspective. Each major anatomical structure is studied in terms of its spatial characteristics, both internally and relative to its surroundings, body planes and external landmarks. Relational anatomy knowledge is then applied to identification of those structures on medical images of a variety of modalities.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Prereq: BMSC11001 Human Body Systems 1 and Coreq: BMSC11002 Human Body Systems 2

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

### Offerings For Term 2 - 2018

- Distance
- Mackay

### Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

### Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **On-campus Activity**

Weighting: 40%

#### 2. **Examination**

Weighting: 60%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Student survey, email correspondence and conversations with students

**Feedback**

'5-minute Moodle' videos for complex areas and for revision were found to be very helpful for students

**Recommendation**

Maintain relevant short videos within the unit and consider if more short videos may be beneficial.

#### Feedback from Student survey, conversations with students, discussions with medical imaging teaching team

**Feedback**

Written assessment appears to cause anxiety, with students not understanding the requirements. This format assess depth of understanding but not breadth

**Recommendation**

Consider if this assessment is the most appropriate form of assessment for this unit.

#### Feedback from Student survey, email correspondence, conversations with students

**Feedback**

Flexibility to try other methods to assist with understanding, for example short videos, different diagrams and models or attention to variety of learning styles was greatly appreciated by students

**Recommendation**

Maintain awareness of student needs and ensure that they are supported in their learning

## Unit Learning Outcomes

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

1. Describe the typical shape, size, orientation and location of each major anatomical structure.
2. Express using correct terminology the spatial orientation of each major anatomical structure relative to its neighbouring structures, surface landmarks and body planes.
3. Identify major anatomical structures on anatomical drawings, anatomical sections and medical images.
4. Orient sectional images relative to orthogonal body planes and body regions.

MRPBA Accreditation Standards: Standard 6.5 a

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - On-campus Activity - 40%	•	•	•	•
2 - Examination - 60%	•	•	•	

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•		
2 - Problem Solving		•	•	•
3 - Critical Thinking				•
4 - Information Literacy	•	•		•
5 - Team Work				
6 - Information Technology Competence				
7 - Cross Cultural Competence				
8 - Ethical practice				
9 - Social Innovation				
10 - Aboriginal and Torres Strait Islander Cultures				

### Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - On-campus Activity - 40%	•	•		•						
2 - Examination - 60%	•	•	•	•						

## Textbooks and Resources

### Textbooks

MEDI11003

#### Prescribed

#### Sectional Anatomy for Imaging Professionals

Edition: 4th (2018)

Authors: Kelley & Petersen

Mosby Elsevier

St. Louis , Missouri , USA

ISBN: 9780323414876

Binding: eBook

#### Additional Textbook Information

Please note that the ISBN given for this text is for the paperback version. If you would prefer the e-book version, the ISBN is: 978032359535. It is acceptable to use a previous edition of this text if you already own it, but be aware that the page numbering given for pre-reading may be different between editions.

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

#### You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Zoom, Speakers

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Karen Finlay** Unit Coordinator

[k.finlay@cqu.edu.au](mailto:k.finlay@cqu.edu.au)

## Schedule

### Week 1 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Sectional Anatomy. The Spine.	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapters 1 & 4	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator.

### Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Upper and lower Limbs	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 9	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 3 - 23 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Thorax	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 4 - 30 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Thorax	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 5 - 06 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen-Introduction/ Large Structures/ Vasculature	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Vacation Week - 13 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Break Week - Self directed revision		

**Week 6 - 20 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen- Liver/Biliary & Spleen/Pancreas	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 7 - 27 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
No new content		<b>Lab activity and in-class test</b> Due: Week 7 Wednesday (29 Aug 2018) 5:00 pm AEST

**Week 8 - 03 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen-Urinary Tract/Digestive Tract	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 9 - 10 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
The Pelvis	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 8	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 10 - 17 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Cranium and brain	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 2	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 11 - 24 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Neck and facial bones	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapters 2 & 5	Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Week 12 - 01 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Week 12: Revision		Tutorial for internal students on Wednesday. Please refer to your individual timetable for details. Zoom tutorials to be agreed between students and unit coordinator

**Review/Exam Week - 08 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Your time for revision and preparation for exams. Check your exam timetable via your myCQU student portal		

**Exam Week - 15 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic

## Term Specific Information

The unit coordinator for this unit is: Karen Finlay

During the term I may be teaching other units or be off campus. For this reason, the preferred method of contact is via email at k.finlay@cqu.edu.au. My office number is: 07 4923 2647.

It is vital to maintain engagement with the unit content and to budget your time effectively. Completing pre-reading, watching the lecture presentations, taking notes and completing the formative quizzes should take approximately 6 hours per week. Expect to spend approximately 2 hours per week on tutorial preparation and attendance. Time will be required to undertake lab activities, residential school and on-campus activities. Revision must be factored into your time management plan. On average, expect to spend approximately 12.5 hours per week studying this unit.

## Assessment Tasks

### 1 Lab activity and in-class test

**Assessment Type**

On-campus Activity

**Task Description**

Radiographers are health professionals who are responsible for imaging human anatomy. As such, they are expected to be able to identify organs and structures in any cross-section and at any level in the body. The relative positions of

organs may help to differentiate normal from abnormal body processes. In this task you are required to identify, describe and orient structures in the human body using terminology expected of a radiographer.

There are two (2) parts to this assessment.

#### Part 1: Lab Activities

The three (3) lab activities are a series of tasks where you will use the 3D anatomical models, diagnostic images and other lab resources to reinforce your knowledge of the location, size, orientation and relative positions of major structures studied during Weeks 1 - 6 and your use of professional terminology to communicate that knowledge. For on-campus students the lab-based activities are timetabled in Weeks 3 - 6. For students studying by distance, the lab-based activities are timetabled in the morning of the residential school in Week 7.

For each lab activity there is an associated on-line, time-limited quiz on the related theory material. Each quiz will have a set of questions related to anatomical photographs, and/or diagrams as well as radiographs and sectional images. Quiz questions may include labeling of anatomy and stating spatial relationships between structures. Quiz questions will be drawn at random from a question bank. Each quiz contributes 3 marks towards the overall total of 40 marks for this assessment piece.

You may attempt each quiz, before, during or after your lab session, but you will only get one attempt at each quiz. Once you open a quiz, you will have 15 minutes to complete it. You will not be able to pause or re-start a quiz once it has been opened. All quizzes will be available via the unit Moodle site up to the due date stated below.

You must undertake the quizzes as individuals and not with classmates or others. As with all other University assessments, colluding with other students on a non-group work task is considered academic misconduct and will be dealt with in accordance with the Academic Misconduct Procedure. The quizzes are open-book, but be mindful of the time-limited nature of the quizzes.

#### Part 2:

The in-class test will assess your knowledge of the name, location, size, orientation and relative position of major structures studied during Weeks 1 - 5. Question tasks may include identifying and locating structures on anatomical models, diagrams and/or diagnostic images, describing morphological features of major structures and articulating spatial relationships between structures and body landmarks.

For ALL students, the in-class test is timetabled at mid-afternoon of Wednesday of Week 7, which is the date of the residential school.

This is a closed-book assessment.

The final mark for this assessment is the sum of the marks for the three (3) on-line quizzes and the mark for the in-class test, for a total of 40 marks.

#### **Assessment Due Date**

Week 7 Wednesday (29 Aug 2018) 5:00 pm AEST

#### **Return Date to Students**

Week 9 Friday (14 Sept 2018)

#### **Weighting**

40%

#### **Minimum mark or grade**

50% of the available 40 marks

#### **Assessment Criteria**

For both the on-line quizzes and the in-class test, your responses are scored on the following criteria:

- correct spelling and use of professional terminology
- correctness, relevance and completeness of the response to the question asked.

The marks allocated per response will be indicated in the test question information.

#### **Referencing Style**

- [Harvard \(author-date\)](#)



**Submission**

Offline

**Learning Outcomes Assessed**

- Describe the typical shape, size, orientation and location of each major anatomical structure.
- Express using correct terminology the spatial orientation of each major anatomical structure relative to its neighbouring structures, surface landmarks and body planes.
- Identify major anatomical structures on anatomical drawings, anatomical sections and medical images.
- Orient sectional images relative to orthogonal body planes and body regions.

**Graduate Attributes**

- Communication
- Problem Solving
- Information Literacy

## Examination

**Outline**

Complete an invigilated examination.

**Date**

During the examination period at a CQUniversity examination centre.

**Weighting**

60%

**Length**

180 minutes

**Minimum mark or grade**

50%

**Exam Conditions**

Closed Book.

**Materials**

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem