



# MEDI11003 *Relational Anatomy*

## Term 3 - 2020

Profile information current as at 04/05/2024 10:55 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 3 - 2020

- Online

#### 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).

#### 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. **Online Quiz(zes)**

Weighting: 10%

#### 2. **Online Test**

Weighting: 30%

#### 3. **Online Test**

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 feedback, Head of Course review.

##### Feedback

While the tutorials were relevant to the profession in that they were highly focused on radiographic appearances of anatomy and pathology, the latter was beyond the scope of the unit.

##### Recommendation

Ensure that there is clear alignment between the unit learning outcomes, the learning activities and the assessment tasks.

#### Feedback from Student feedback, reflection of the Medical Imaging team

##### Feedback

The one day residential school in Term 3 was not seen by most students as time well spent. The hands-on learning activities made up only a small part of the day's time. The on campus written test was a bigger portion. Almost all students had travel and accommodation expenses for this standalone activity. This was in contrast to the previous year when the res school timing was aligned to be adjacent to another res school.

##### Recommendation

Remove the one day residential school and convert the on-campus test to online test.

## 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.

This unit maps to the following components of the Medical Radiation Practice Board of Australia's Professional Capabilities for Medical Radiation Practice:

Domain 1: Medical radiation practitioner:capability 1

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 10%	•		•	•
2 - Online Test - 30%	•	•	•	•
3 - Online Test - 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 - Online Quiz(zes) - 10%	•	•		•						
2 - Online Test - 30%	•	•		•						
3 - Online Test - 60%	•	•		•						

## Textbooks and Resources

### Textbooks

MEDI11003

#### Prescribed

#### Sectional Anatomy for Imaging Professionals

Edition: 4th

Authors: Kelly and Petersen

Elsevier

St. Louis , Missouri , USA

ISBN: 9780323414876 (paperback); 9780323595353 (e-book)

Binding: Paperback

[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 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Sectional Anatomy. The Spine.	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapters 1 & 4	Zoom tutorials as scheduled.

### Week 2 - 16 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Upper Limb	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 9	Zoom tutorials as scheduled.

### Week 3 - 23 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Lower Limb	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 9	Zoom tutorials as scheduled.

### Week 4 - 30 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
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The Thorax Part 1	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Zoom tutorials as scheduled.
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#### Vacation Week - 07 Dec 2020

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

#### Week 5 - 14 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Thorax Part 2 - The Heart	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Zoom tutorials as scheduled. Quiz 1 opens at 8am on 14th December

#### Week 6 - 21 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen-Introduction/ Large Structures/ Vasculature	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled. Online test opens at 8am on 4th January 2021.

#### Vacation Week - 28 Dec 2020

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

#### Week 7 - 04 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen- Liver/Biliary & Spleen/Pancreas	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled.

#### Week 8 - 11 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
The Abdomen-Urinary Tract/Digestive Tract	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled.

#### Week 9 - 18 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
The Pelvis	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 8	Zoom tutorials as scheduled.

#### Week 10 - 25 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
Cranium and brain	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 2	Zoom tutorials as scheduled. Quiz 2 opens at 8am on 25th January 2021

#### Week 11 - 01 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Neck and facial bones

Sectional Anatomy for Imaging  
Professionals Kelley & Petersen  
Chapters 2 & 5

Zoom tutorials as scheduled.

### Week 12 - 08 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
Week 12: Revision		Zoom tutorials as scheduled.

### Exam Week - 15 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
		End of term online test. Date and time to be advised.

## Term Specific Information

The unit coordinator for this unit is Karen Finlay and my contact details are:

E: k.finlay@cqu.edu.au; Ph: 07 4923 2647

During the term I may be off-campus or teaching another unit. For this reason the preferred method to contact me is via email. I can then organise a mutually convenient time to talk if required.

As a 6-credit unit, you should spend 150 hours studying and completing assessments over the term. This equates to approximately 12.5 hours of study per week. It is important that you maintain engagement with the unit content and a suggested time budget for this unit is shown below:

Pre-reading - Approximately 2 hours per week

Watching lecture presentations and making notes - Approximately 3 hours per week

Completing formative weekly quizzes - Approximately 1 hour per week

Preparation for and attendance at the Zoom tutorial - Approximately 2 hours per week

Revising for and completing online summative quizzes, mid-term and end-of-term tests - Approximately 50 hours over the term

## Assessment Tasks

### 1 Online Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

There are two time-limited, online quizzes. Each quiz contributes 5% to the total grade. 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. 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 Student Academic Integrity Policy. The quizzes are open-book, but be mindful of the time-limited nature of the quizzes.

In the absence of an approved extension, if you do not complete a quiz by the stated due date and time you will receive a mark of zero for that quiz.

#### Number of Quizzes

2

## Frequency of Quizzes

### Assessment Due Date

The first quiz will be open from 8am on Monday 14th December to 11.30pm on Sunday 20th December. The second quiz will be open from 8am on Monday 25th January to 11.30pm on Sunday 31st January. All times are in AEST (Queensland time)

### Return Date to Students

Results will be released two weeks after each quiz has closed.

### Weighting

10%

### Assessment Criteria

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 question information.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Quizzes are to be accessed and completed via the unit Moodle site

### Learning Outcomes Assessed

- Describe the typical shape, size, orientation and location of each major anatomical structure
- 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

## 2 Online Test

### Assessment Type

Online Test

### 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.

The online test will assess your knowledge of the name, location, size, orientation and relative position of major structures studied during Weeks 1 - 6, and your use of professional terminology to communicate that knowledge. Question tasks may include identifying and locating structures on diagrams and/or diagnostic images, describing morphological features of major structures and articulating spatial relationships between structures and body landmarks.

The online test will be time-limited, and once you open the test you will not be able to pause or re-start it. Once opened, the test will remain open for 60 minutes and will then automatically close. Any unanswered questions or unsaved responses will receive zero marks. The test will be made available via the unit Moodle site.

You must undertake the test 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 Student Academic Integrity Policy. The test is open-book, but be mindful of the time-limited nature of the test.



In the absence of an approved assessment extension, if you do not complete the test by the stated due date and time, you will receive a mark of zero for this assessment.

### **Assessment Due Date**

The test will be opened at 8am on Monday 4th January and will close at 11.30pm on Wednesday 6th January. All times are in AEST (Queensland time)

### **Return Date to Students**

Test results will be released two weeks after the test has closed.

### **Weighting**

30%

### **Assessment Criteria**

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**

Online

### **Submission Instructions**

Test questions are accessed and submission made via the unit Moodle site.

### **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

## **3 End of Term Online Test**

### **Assessment Type**

Online Test

### **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.

The end-of-term online test will assess your knowledge and understanding of all content delivered through the term, and your use of professional terminology to communicate that knowledge. Question tasks may include identifying and locating structures on diagrams and/or diagnostic images, describing morphological features of major structures and articulating spatial relationships between structures and body landmarks.

The online test will be time-limited, and once you open the test you will not be able to pause or re-start it. Once opened, the test will remain open for 120 minutes and will then automatically close. Any unanswered questions or unsaved responses will receive zero marks. The test will be made available via the unit Moodle site.

You must undertake the test 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 Student Academic Integrity Policy. The test is open-book, but be mindful of the time-limited nature

of the test.

In the absence of an approved assessment extension, if you do not complete the test by the stated due date and time, you will receive a mark of zero for this assessment.

### **Assessment Due Date**

The test will be conducted during the university examination period, at a time scheduled by the School.

### **Return Date to Students**

Marks will be released two weeks after the due date.

### **Weighting**

60%

### **Minimum mark or grade**

50%

### **Assessment Criteria**

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**

Online

### **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

### **Graduate Attributes**

- Communication
- Problem Solving
- Information Literacy

## 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