



# ALLH11005 *Anatomy and Physiology for Health Professionals 1*

## Term 1 - 2018

Profile information current as at 10/04/2024 01:17 am

All details in this unit profile for ALLH11005 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

This unit will offer the students an introduction to human anatomy and physiology, including human body structure and function. There will be a focus on the fundamentals of skeletal, muscular, and neural structures, on how the various structures are linked, and on how this relates to function.

### 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

Condition: This unit is for students from these courses only: CB66 - Bachelor of Health Science (Allied Health), CK21 - Bachelor of Occupational Therapy, CB84 - Bachelor of Occupational Therapy (Honours), CK22 - Bachelor of Physiotherapy, CB85 - Bachelor of Physiotherapy (Honours), CK23 - Bachelor of Podiatry Practice, CB86 - Bachelor of Podiatry (Honours), CK24 - Bachelor of Speech Pathology, CB87 - Bachelor of Speech Pathology (Honours)

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 1 - 2018

- Bundaberg
- Distance
- Rockhampton
- Sydney

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

Weighting: 50%

#### 2. **Practical Assessment**

Weighting: 50%

### 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 via Moodle.

#### Feedback

Video recordings of tutorials.

#### Recommendation

Make video recordings of every tutorial and post them on Moodle. This will benefit all students, MIX students in particular.

## Unit Learning Outcomes

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

1. Identify anatomical structures of the skeletal, muscular and nervous systems for the spine and lower quadrant.
2. Describe the different functions of human anatomy.
3. Explain the individual variations of human anatomy.
4. Explain how anatomy and function are interrelated.

## 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) - 50%	•	•	•	•
2 - Practical Assessment - 50%	•	•	•	•

### 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				

Graduate Attributes	Learning Outcomes			
	1	2	3	4
<b>6 - Information Technology Competence</b>				
<b>7 - Cross Cultural Competence</b>				
<b>8 - Ethical practice</b>				
<b>9 - Social Innovation</b>				
<b>10 - Aboriginal and Torres Strait Islander Cultures</b>				

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
<b>1 - Online Quiz(zes) - 50%</b>										
<b>2 - Practical Assessment - 50%</b>										

## Textbooks and Resources

### Textbooks

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#### Prescribed

##### Gray's Anatomy for Students

Edition: 3rd (2014)

Authors: Richard Drake, A. Wayne Vogl, Adam W. M. Mitchell

Elsevier Health Sciences

United Kingdom

ISBN: 9780702051319

Binding: Paperback

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#### Supplementary

##### McMinn and Abrahams' Clinical Atlas of Human Anatomy

Edition: 7th (2013)

Authors: Peter H. Abrahams, Jonathan D. Spratt, Marios Loukas, Albert-Neels van Schoor

Elsevier Health Sciences

United Kingdom

ISBN: 9780723436973

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)

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Stanley Serafin** Unit Coordinator

[s.serafin@cqu.edu.au](mailto:s.serafin@cqu.edu.au)

## Schedule

### Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction, Cells & Tissues. Musculoskeletal System 1: Bone.	Ch 1 - The Body Martini Ch 4 - The Tissue Level of Organisation (pp 109-134) Martini Ch 6 - Osseous Tissue & Bone Structure (pp 170-193)	

### Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Musculoskeletal System 2: Muscle. Musculoskeletal System 3: Joints.	Martini Ch 4 - The Tissue Level of Organisation (pp 134-136) Martini Ch 10 - Muscle Tissue (pp 280-285, 302-305, 313-315) Martini Ch 11 - The Muscular System (pp 323-327)	

### Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Cardiovascular & Lymphatic Systems.	Ch 3 - Thorax (read section on middle mediastinum) Martini Ch 22 - Lymphatics (pp 765-766)	Quiz 1 opens 07:00 AM (AEST) Friday 23 March and must be completed by 12:00 PM Monday 26 March.

### Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Respiratory & Gastrointestinal Systems.	Ch 3 - Thorax (read section on pleural cavities) Ch 4 - Abdomen (read 'organs' section on abdominal viscera)	

### Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Nervous & Endocrine Systems.	Ch 1 - The Body (read section on nervous system) Ch 2 - Back (read section on spinal cord) Ch 8 - Head & Neck (read sections on meninges and brain and its blood supply) Martini Ch 4 - The Tissue Level of Organisation (pp 137-139) Martini Ch 12 - Neural Tissue (pp 375-380, 386-404)	

### Vacation Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
<b>Week 6 - 16 Apr 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Urinary & Reproductive Systems.	Ch 4 - Abdomen (read section on posterior abdominal region viscera) Ch 5 - Pelvis & Perineum (read section on pelvic viscera)	Quiz 2 opens 07:00 AM (AEST) Friday 20 April and must be completed by 12:00 PM Monday 23 April.
<b>Week 7 - 23 Apr 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Pelvis & Perineum.	Ch 5 - Pelvis & Perineum (read remainder of chapter)	
<b>Week 8 - 30 Apr 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Hip & Gluteal Region.	Ch 6 - Lower Limb (read from beginning up until regional anatomy of thigh)	
<b>Week 9 - 07 May 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Thigh.	Ch 6 - Lower Limb (read section on regional anatomy of thigh up until knee)	
<b>Week 10 - 14 May 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Knee & Leg.	Ch 6 - Lower Limb (read sections on regional anatomy of knee and leg)	
<b>Week 11 - 21 May 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Ankle & Foot.	Ch 6 - Lower Limb (read section on regional anatomy of foot)	Quiz 3 opens 7:00 AM (AEST) Thursday 24 May and must be completed by 12:00 PM Tuesday 29 May.
<b>Week 12 - 28 May 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
Residential School & Practical Assessment.	Mixed Mode Students: Compulsory residential school in ROK. All Students: Practical Assessment.	Practical Assessment
<b>Review/Exam Week - 04 Jun 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
<b>Exam Week - 11 Jun 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic

## Assessment Tasks

### 1 Online Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

There will be 3 online quizzes.

#### Quiz 1:

- Quiz 1 opens 07:00 AM (AEST) Friday 23 March and must be completed by 12:00 PM Monday 26 March.
- Quiz 1 counts for 10% of your overall mark.
- Quiz 1 has 10 questions and you have up to 10 minutes to complete it.
- Tests knowledge and understanding of all class content from weeks 1-3.
- Questions are randomly selected from a question bank so that the quiz will differ for each student.
- To be completed online.
- Only one attempt is allowed so you should ensure you have a good internet connection before starting.
- In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

#### **Quiz 2:**

- Quiz 2 opens 07:00 AM (AEST) Friday 20 April and must be completed by 12:00 PM Monday 23 April.
- Quiz 2 counts for 15% of your overall mark.
- Quiz 2 has 15 questions and you have up to 15 minutes to complete it.
- Tests knowledge and understanding of all class content from weeks 4-6.
- Questions are randomly selected from a question bank so that the quiz will differ for each student.
- To be completed online.
- Only one attempt is allowed so you should ensure you have a good internet connection before starting.
- In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

#### **Quiz 3:**

- Quiz 3 opens 7:00 AM (AEST) Thursday 24 May and must be completed by 12:00 PM Tuesday 29 May.
- Quiz 3 counts for 25% of your overall mark.
- Quiz 3 has 25 questions and you have up to 25 minutes to complete it.
- Tests knowledge and understanding of all class content from weeks 7-11.
- Questions are randomly selected from a question bank so that the quiz will differ for each student.
- To be completed online.
- Only one attempt is allowed so you should ensure you have a good internet connection before starting.
- In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

#### **Number of Quizzes**

3

#### **Frequency of Quizzes**

Other

#### **Assessment Due Date**

See 'Task description' above.

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

Immediately upon quiz closure.

#### **Weighting**

50%

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

50% overall average for the 3 Online Quizzes combined.

#### **Assessment Criteria**

Questions will be automatically marked correct or incorrect.

#### **Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

#### **Submission**

Online

#### **Learning Outcomes Assessed**

- Identify anatomical structures of the skeletal, muscular and nervous systems for the spine and lower quadrant.
- Describe the different functions of human anatomy.
- Explain the individual variations of human anatomy.
- Explain how anatomy and function are interrelated.

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## 2 Practical Assessment

### Assessment Type

Practical Assessment

### Task Description

This is a practical assessment where students will identify and describe anatomical structures on anatomical models, bones and real plastinated human bodies. The practical assessment is worth 50% of your overall mark for the unit. It is approximately 1 hour in duration. It consists of approximately 20 stations set up around the room, each with one specimen. At each station will be a station identifier that lists approximately 4 very brief questions. After a set period of time, you will rotate to the next station and repeat this until you have been at all stations. There will be 1 student at each station at a time. You will be given an answer sheet on which to write your answers. The practical assessment is closed book so the only things you will be allowed to have on you are pens (blue or black ink only), your answer sheet and ID (e.g., driver's license). Structures will be tagged using coloured chalk or stickers labeled A, B, C, D, etc. Questions will cover muscles, bones, joints, nerves, blood vessels, viscera and supporting structures in the body systems, pelvis, perineum and lower limb. Students are responsible for all content covered in class for the entire term that is visible on the specimens that we have, with particular emphasis placed on the practical activities.

### Assessment Due Date

All students take the practical assessment in person in Week 12 in either Rockhampton, Bundaberg or Sydney. The exact date and time differs for each campus and will be posted on Moodle.

### Return Date to Students

Within 2 weeks of assessment date

### Weighting

50%

### Minimum mark or grade

50%

### Assessment Criteria

Students must identify and describe anatomical structures on anatomical models, bones and real plastinated human bodies. The practical assessment will not have questions on histology, physiology or medical imaging. A percentage grading will be used. Partial credit will be awarded where appropriate. Minor spelling errors are permitted as long as they do not change the meaning of the word.

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Offline

### Submission Instructions

Hard Copy, Practical Assessment

### Learning Outcomes Assessed

- Identify anatomical structures of the skeletal, muscular and nervous systems for the spine and lower quadrant.
- Describe the different functions of human anatomy.
- Explain the individual variations of human anatomy.
- Explain how anatomy and function are interrelated.

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice



## 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