



BMSC11001 Human Body Systems 1

Term 3 - 2019

Profile information current as at 10/10/2025 04:24 pm

All details in this unit profile for BMSC11001 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

After the completion of this unit, you will be able to describe the structural levels of organisation within the body, effectively utilise anatomical terminology, and understand and describe the anatomy and physiology of the integumentary, skeletal, muscular, nervous systems, and special senses. Your knowledge and skills will be developed through a series of coursework exercises. You will be required to have access to a computer to make frequent use of internet resources and to complete assessment tasks.

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

There are no requisites for this unit.

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 - 2019

- 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: 50%

2. Examination

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 evaluation response

Feedback

Students enjoyed the delivery of 'chunked' lectures and found the structure of the unit helpful

Recommendation

This style of delivery will be continued as the content is updated.

Feedback from Self-reflection and student feedback

Feedback

Textbook requires updating

Recommendation

As of 2020 the textbook will be updated to "Fundamentals of Anatomy and Physiology" (11th edition). During the course of 2020, all content within the unit will be updated to align with the new text.

Unit Learning Outcomes

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

1. Describe the major anatomical features of the cells, tissues, and organs of the integumentary, skeletal, muscular, and nervous systems, and of the special senses.
2. Describe the function and physiological regulation of the cells, tissues, and organs of the integumentary, skeletal, muscular, and nervous systems, and of the special senses.
3. Explain the interactions between structure and function in each of the human body systems.
4. Apply anatomical terminology and the levels of organisation to the human body and its systems.

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 - Examination - 50%	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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) - 50%			•	•		•				
2 - Examination - 50%	•		•	•						

Textbooks and Resources

Textbooks

BMSC11001

Prescribed

Anatomy & Physiology: From Science to Life

3rd Edition (2013)

Authors: Jenkins & Tortora

Wiley

Milton , Queensland , Australia

ISBN: 978-0-470-59891-7

Binding: Hardcover

Additional Textbook Information

This textbook is no longer available in hardcopy and is only available online. As of Term 1 2020 the textbook used in BMSC11001 and BMSC11002 will be Martini, F.H., Nath, J.L. and Bartholomew, E.F. (2018). Fundamentals of Anatomy and Physiology. 11th ed. Global ed. Harlow, Essex: Pearson Education Ltd. You are welcome to purchase the new textbook if you wish, remembering that the content will be similar but Chapter and page numbers may be different across the different textbooks.

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

For further information, see the Assessment Tasks.

Teaching Contacts

Debra Carlson Unit Coordinator

d.carlson@cqu.edu.au

Schedule

Week 1 - 11 Nov 2019

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Human Body	Jenkins & Tortora: Chapter 1 Martini, Nath & Bartholomew: Chapter 1	

Week 2 - 18 Nov 2019

Module/Topic	Chapter	Events and Submissions/Topic
The Chemical Level of Organization	Jenkins & Tortora: Chapter 2 Martini, Nath & Bartholomew: Chapter 2	

Week 3 - 25 Nov 2019

Module/Topic	Chapter	Events and Submissions/Topic
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The Cellular Level of Organization	Jenkins & Tortora: Chapter 3 Martini, Nath & Bartholomew: Chapter 3	
Week 4 - 02 Dec 2019		
Module/Topic	Chapter	Events and Submissions/Topic
The Tissue Level of Organization / The Integumentary System	Jenkins & Tortora: Chapters 4 & 5 Martini, Nath & Bartholomew: Chapters 4 & 5	Progress Quiz 1 opens Friday, 17:00 AEST
Vacation Week - 09 Dec 2019		
Module/Topic	Chapter	Events and Submissions/Topic
No classes scheduled		
Week 5 - 16 Dec 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Skeletal System / The Axial Skeleton	Jenkins & Tortora: Chapters 6 & 7 Martini, Nath & Bartholomew: Chapters 6 & 7	Progress Quiz 1 closes Friday, 17:00 AEST
Week 6 - 23 Dec 2019		
Module/Topic	Chapter	Events and Submissions/Topic
The Appendicular Skeleton / Articulations	Jenkins & Tortora: Chapters 8 & 9 Martini, Nath & Bartholomew: Chapters 8 & 9	Progress Quiz 2 opens Friday, 17:00 AEST
Week 7 - 06 Jan 2020		
Module/Topic	Chapter	Events and Submissions/Topic
Muscle Tissue	Jenkins & Tortora: Chapter 10 Martini, Nath & Bartholomew: Chapter 10	Progress Quiz 2 closes Friday, 17:00 AEST
Week 8 - 13 Jan 2020		
Module/Topic	Chapter	Events and Submissions/Topic
The Muscular System	Jenkins & Tortora: Chapter 11 Martini, Nath & Bartholomew: Chapter 11	
Week 9 - 20 Jan 2020		
Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Nervous System	Jenkins & Tortora: Chapter 12 Martini, Nath & Bartholomew: Chapter 12	Progress Quiz 3 opens Friday, 17:00 AEST
Week 10 - 27 Jan 2020		
Module/Topic	Chapter	Events and Submissions/Topic
The Central Nervous System	Jenkins & Tortora: Chapter 13 Martini, Nath & Bartholomew: Chapters 13 & 14	Progress Quiz 3 closes Friday, 17:00 AST
Week 11 - 03 Feb 2020		
Module/Topic	Chapter	Events and Submissions/Topic
The Peripheral Nervous System Sensory, Motor, and Integrative Systems	Jenkins & Tortora: Chapters 14 & 15 Martini, Nath & Bartholomew: Chapters 14, 15 & 16	Progress Quiz 4 opens Friday, 17:00 AEST
Week 12 - 10 Feb 2020		
Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 17 Feb 2020

Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

The unit coordinator for Term 3 is Dr Debra Carlson. Please see the Moodle site for her contact details. This term, pre-recorded lectures will be used and will be available to students from the start of the term. Tutorials will be held via Zoom - please see the Moodle site for further details. Students are expected to review the weekly lectures before each tutorial session. Due to the Jenkins and Tortora Anatomy & Physiology from Science to Life textbook no longer being available to purchase, if you do not already have a copy and you are planning on enrolling in BMSC11002 in 2020, then please purchase the Martini, Nath & Bartholomew Fundamentals of Anatomy & Physiology textbook. The content in both textbooks is very similar so you will not be disadvantaged by having either textbook. The pre-recorded lectures are all based on the Jenkins and Tortora textbook and the tutorial slides will contain content from both textbooks.

Assessment Tasks**1 Progress Quiz****Assessment Type**

Online Quiz(zes)

Task Description

Each health profession possesses a body of knowledge, the fundamentals of which must be learnt and understood. The various health professions you have chosen to study have selected the body of knowledge and concepts taught in this unit as relevant to your future scope of practice and you will build upon them in your future coursework.

The purpose of the progress quizzes is to challenge your knowledge and understanding of the content as you progress through the unit. All of the quizzes will be available for a period of one (1) week and must be completed by the closing date listed in the table below.

1. There will be four separate online quizzes to assess your knowledge of the unit material.
2. Each quiz will have 25 questions.
3. You will be allowed three attempts at each quiz. It is not compulsory to attempt each quiz three times. The highest grade you achieve will serve as your final score for that quiz.
4. Your score from each quiz will contribute 12.5% to your final grade ($4 \text{ quizzes} \times 12.5\% = 50\%$).
5. There is a minimum requirement in the assessment task: 50% of the available marks for this assessment item.
6. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

Quiz Number	Topic Examined	Time / Date the Quiz Opens	Time / Date the Quiz Closes
Progress Quiz 1	Week 1, 2, 3, 4	Week 4, Friday, 17:00 AEST	Week 5, Friday, 17:00 AEST
Progress Quiz 2	Week 5, 6	Week 6, Friday, 17:00 AEST	Week 7, Friday, 17:00 AEST
Progress Quiz 3	Week 7, 8, 9	Week 9, Friday, 17:00 AEST	Week 10, Friday, 17:00 AEST
Progress Quiz 4	Week 10, 11	Week 11, Friday, 17:00 AEST	Week 12, Friday, 17:00 AEST

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

All of the quizzes will be available for a period of one (1) week and must be completed by the closing date listed in the table and on the Moodle site.

Return Date to Students

Marks will be available upon completing the assessment task.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

Questions will be automatically marked correct or incorrect. The maximum score (100) that can be accumulated from the four Progress Quizzes equals 50% of the total unit marks.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Describe the major anatomical features of the cells, tissues, and organs of the integumentary, skeletal, muscular, and nervous systems, and of the special senses.
- Describe the function and physiological regulation of the cells, tissues, and organs of the integumentary, skeletal, muscular, and nervous systems, and of the special senses.
- Explain the interactions between structure and function in each of the human body systems.
- Apply anatomical terminology and the levels of organisation to the human body and its systems.

Graduate Attributes

- Critical Thinking
- Information Literacy
- Information Technology Competence

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

50%

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