BMSC11001 *Human Body Systems 1*
Term 1 - 2018

Profile information current as at 26/04/2024 06:25 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
You should be able to understand and discuss human body system organisation and functional anatomy and physiology of the skeletal, muscular and nervous systems on successful completion of this unit. Mastery of anatomical terminology and the concept of the homeostatic mechanism will be explored. Your knowledge and skills will be developed through a series of coursework exercises and online practical sessions. Distance education (FLEX) students 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 1 - 2018

- Brisbane
- 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).

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 feedback

Feedback

Students appreciated the introduction of student mentors on each campus. Overall they felt that the having a mentor who was present at each tutorial was beneficial to their studies and helped them engage with the weekly content.

Recommendation

Continue having student mentors assisting in the delivery of the tutorials.

Feedback from Student feedback

Feedback

Students felt that it was a content heavy unit.

Recommendation

Anatomy and physiology units will always be content heavy, however staff have created resources that help direct student's focus when studying each weekly module. Staff will continue to look for or develop new resources that will support students learning.

Feedback from Student feedback

Feedback

Students appreciated the lecture format (multiple, short lecture recordings - available to students ahead of time)

Recommendation

Staff will continue to use this lecture format. However we will look to revise how we present some of the content (eg can we use anatomical models as opposed to PowerPoint slides).

Unit Learning Outcomes

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

1. Use anatomical and directional terminology appropriately
2. Explain the concept of homeostasis as it relates to physiological functioning
3. Summarise the structure and function of cellular organelles and their effect on cellular metabolism
4. Detail mechanisms for cellular transport and communication
5. Recognise tissue types in the structure and function of body organs using the cutaneous system as an example
6. Discuss the functional anatomy of the skeletal, muscular and nervous systems
7. Discuss the physiology of the skeletal, muscular and nervous systems
8. Explain the role of the skeletal and muscular systems in support and locomotion
9. Explain the role of the nervous system in integration and control of body function

Alignment of Learning Outcomes, Assessment and Graduate Attributes

— N/A Level · Introductory Level · Intermediate Level · Graduate Level · Professional Level · Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes								
	1	2	3	4	5	6	7	8	9
1 - Online Quiz(zes) - 50%	•	•	•	•	•	•	•	•	•

Assessment Tasks	Learning Outcomes								
	1	2	3	4	5	6	7	8	9
2 - Examination - 50%	•	•	•	•	•	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes								
	1	2	3	4	5	6	7	8	9
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) - 50%		•	•			•				
2 - Examination - 50%	•	•	•							

Textbooks and Resources

Textbooks

BMSC11001

Prescribed

Anatomy and Physiology From Science to Life
Third edition (2013)
Authors: Jenkins and Tortora
Wiley
USA
ISBN: 13 978-0470-59891-7
Binding: Other

Additional Textbook Information
This book is can be packaged with Real Anatomy software and a WileyPlus access card. The Real Anatomy software and WileyPlus access card are not essential study resources, all assessment items are prepared only using the textbook, but we have recommended these additional items as students often ask us to recommend online study resources.

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: Harvard (author-date)
For further information, see the Assessment Tasks.

Teaching Contacts

Candice Pullen Unit Coordinator
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Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Human Body	1	

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Chemical Level of Organization	2	

Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Cellular Level of Organization	3	

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic

The Tissue Level of Organization / The Integumentary System	4 & 5	Progress Quiz 1 opens on Week 4, Friday, 17:00 AEST (closes on Week 5, Friday, 17:00 AEST)
Week 5 - 02 Apr 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Introduction to the Skeletal System / The Axial Skeleton	6 & 7	
Vacation Week - 09 Apr 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
No classes scheduled		
Week 6 - 16 Apr 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
The Appendicular Skeleton / Articulations	8 & 9	Progress Quiz 2 opens on Week 6, Friday, 17:00 AEST (closes on Week 7, Friday, 17:00 AEST)
Week 7 - 23 Apr 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Muscle Tissue	10	
Week 8 - 30 Apr 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
The Muscular System	11	
Week 9 - 07 May 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Introduction to the Nervous System	12	Progress Quiz 3 opens on Week 9, Friday, 17:00 AEST (closes on Week 10, Friday, 17:00 AEST)
Week 10 - 14 May 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
The Central Nervous System	13	
Week 11 - 21 May 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
The Peripheral Nervous System	14	Progress Quiz 4 opens on Week 11, Friday, 17:00 AEST (closes on Week 12, Friday, 17:00 AEST)
Week 12 - 28 May 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Special Senses	15	
Review/Exam Week - 04 Jun 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Exam Week - 11 Jun 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**

Term Specific Information

To pass this unit, you must meet all minimum requirements as outlined in the assessment information section. Each assessment item has a minimum grade of 50% for this unit.

Assessment Tasks

1 Progress Quiz

Assessment Type
Online Quiz(zes)

Task Description
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 quizzes x 12.5% = 50%).
5. There is a minimum requirement in the assessment task: 50%.
6. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.
7. Dates that each quiz open and close are outlined below. These assessment tasks must be completed on or before the due dates listed.

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

You will find more details of the Progress Quizzes on the unit Moodle site.

Number of Quizzes
4

Frequency of Quizzes
Other

Assessment Due Date

A new Progress Quiz will open in Week 4, 6, 9 and 11 on Friday at 17:00 AEST. Each Progress Quiz must be completed by 17:00 AEST the Friday of the following academic week.

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 five Progress Quizzes equals 50% of the total unit marks.

Referencing Style

- Harvard (author-date)

Submission
Online

Learning Outcomes Assessed

- Use anatomical and directional terminology appropriately
- Explain the concept of homeostasis as it relates to physiological functioning
- Summarise the structure and function of cellular organelles and their effect on cellular metabolism
- Detail mechanisms for cellular transport and communication
- Recognise tissue types in the structure and function of body organs using the cutaneous system as an example
- Discuss the functional anatomy of the skeletal, muscular and nervous systems

- Discuss the physiology of the skeletal, muscular and nervous systems
- Explain the role of the skeletal and muscular systems in support and locomotion
- Explain the role of the nervous system in integration and control of body function

Graduate Attributes

- Problem Solving
- Critical Thinking
- 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