BMSC11002 *Human Body Systems 2*
Term 1 - 2020

Profile information current as at 23/04/2024 11:05 pm

All details in this unit profile for BMSC11002 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.

Corrections

Unit Profile Correction added on 06-04-20

The end of term examination has now been changed to an alternate form of assessment. Please see your Moodle site for details of the assessment

General Information

Overview

In this unit, you will study the anatomy and physiology of the sensory, lymphatic, immune, endocrine, respiratory, cardiovascular, digestive, renal/urinary, and reproductive systems (of the human body). Further, you will also study the physiological regulation of these body systems, as well as their integrated role in the maintenance of health and/or development of disease.

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 - 2020

- Online
- Rockhampton

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 'Have your say' feedback.

Feedback
Textbook requires updating

Recommendation
A new textbook is being introduced in T2, 2020.

Feedback from 'Have your say' feedback.

Feedback
Formative quizzes were helpful for revision and exam preparation.

Recommendation
Formative quizzes will be continued to be included each week.

Unit Learning Outcomes

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

1. Discuss the principal structural features of the human body as they pertain to the sensory, lymphatic, immune, endocrine, respiratory, cardiovascular, digestive, renal/urinary, and reproductive systems.
2. Discuss the role and the physiological regulation of the of the sensory, lymphatic, immune, endocrine, respiratory, cardiovascular, digestive, renal/urinary, and reproductive systems in the human body.

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
1 - Online Quiz(zes) - 50%	•	•
2 - Examination - 50%	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes	
	1	2
1 - Communication	•	•
2 - Problem Solving	•	•

Graduate Attributes	Learning Outcomes	
	1	2
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

BMSC11002

Prescribed

Fundamentals of Anatomy & Physiology, Global Edition + Martini's Atlas of the Human Body
Edition: 11th (2018)
Authors: Martini, F.H., Nath, J.L. & Bartholomew, E.F.
Pearson
Harlow , Essex , England
ISBN: 978-1-488-68748-8
Binding: Hardcover

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

Ryan du Preez Unit Coordinator
r.dupreez@cqu.edu.au

Schedule

Week 1 - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Human Body Systems 1 review	Chapters 2–8, 10 and 12	

Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Endocrine System	Chapter 18	

Week 3 - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System (Blood)	Chapter 19	

Week 4 - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System (Heart)	Chapter 20	Progress Quiz 1 opens at 17:00 AEST on Thursday 2 April.

Week 5 - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System (Blood Vessels)	Chapter 21	Progress Quiz 1 closes at 17:00 AEST on Thursday 9 April.

Vacation Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
No scheduled topic	Revise content covered during weeks 1-5	

Week 6 - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Lymphatic System and Immunity	Chapter 22	Progress Quiz 2 opens at 17:00 AEST on Friday 24 April.

Week 7 - 27 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Respiratory System	Chapter 23	Progress Quiz 2 closes at 17:00 AEST on Friday 1 May.

Week 8 - 04 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Digestive System	Chapter 24	

Week 9 - 11 May 2020

Module/Topic	Chapter	Events and Submissions/Topic

The Urinary System	Chapter 26	Progress Quiz 3 opens at 17:00 AEST on Friday 15 May.

Week 10 - 18 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
The Reproductive System	Chapters 28 and 29	Progress Quiz 3 closes at 17:00 AEST on Friday 22 May.

Week 11 - 25 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
Human Development and Inheritance	Chapters 28 and 29	Progress Quiz 4 opens at 17:00 AEST on Friday 29 May.

Week 12 - 01 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Integration of the Human Body Systems	Chapters 2–8, 10, 12, 18–24, 26, 28 and 29	Progress Quiz 4 closes at 17:00 AEST on Friday 5 June.

Review/Exam Week - 08 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Unit revision and exam preparation. Course review from 8-10 June. Standard exam period from 11-19 June.	Revise all content covered in unit.	Check exam timetable for exam date and location.

Exam Week - 15 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Unit revision and exam preparation.	Revise all content covered in unit.	Check exam timetable for exam date and location.

Term Specific Information

The unit coordinator is Ryan du Preez.
Email: r.dupreez@cqu.edu.au
Phone: 07 4930 9268
Pre-recorded lectures are available from the Moodle site. Live tutorials will be delivered by Ryan. It is expected that students will review the weekly content, including the pre-recorded lectures, prior to attending tutorials.
Ryan du Preez has completed a Bachelor of Health (Biomedical Science) and a Bachelor of Science (Honours). His PhD on functional foods to improve metabolic syndrome is currently under examination.

Assessment Tasks

1 Progress Quizzes

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.
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 two attempts at each quiz. 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% of 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/Quiz Opens	Time/Quiz Closes
Progress Quiz 1	Week 2,3,4	17:00 AEST Thursday 2 April 2020	17:00 AEST Thursday 9 April 2020
Progress Quiz 2	Week 5,6	17:00 AEST Friday 24 April 2020	17:00 AEST Friday 1 May 2020
Progress Quiz 3	Week 7,8,9	17:00 AEST Friday 15 May 2020	17:00 AEST Friday 22 May 2020
Progress Quiz 4	Week 10,11	17:00 AEST Friday 29 May 2020	17:00 AEST Friday 5 June 2020

Number of Quizzes
4

Frequency of Quizzes
Other

Assessment Due Date

For a period of one study week.

Return Date to Students

Marks will be available after completion of 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

Submission Instructions
Quizzes will be completed online through the unit Moodle site.

Learning Outcomes Assessed

- Describe the major anatomical features of the cells, tissues, and organs of the endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive human body systems.
- Describe the function and physiological regulation of the cells, tissues, and organs of the endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive human body systems.
- 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

- Communication
- 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