



# BMSC11002 *Human Body Systems 2*

## Term 1 - 2021

Profile information current as at 19/08/2022 06:59 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.

### 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 endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive human body systems. 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 1 - 2021

- 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. **Online Test**

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

##### Feedback

Chunked lectures helped students concentrate on the key concepts for each week.

##### Recommendation

Continue to provide chunked lectures.

#### Feedback from Student Evaluation

##### Feedback

Students appreciated the PASS sessions and the opportunity to tune into live tutorials.

##### Recommendation

Continue to use the PASS program and have live tutorials.

## 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 endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive human body systems
2. 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
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 - Online Test - 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 - Online Test - 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

#### Additional Textbook Information

This is a value pack of two books and can be purchased at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

[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](mailto:r.dupreez@cqu.edu.au)

## Schedule

### Week 1 - 08 Mar 2021

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

### Week 2 - 15 Mar 2021

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

### Week 3 - 22 Mar 2021

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

### Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System (Heart)	Chapter 20	Progress Quiz 1 opens at 17:00 Australian Eastern Standard Time (AEST) on Thursday 1st April 2021.

**Week 5 - 05 Apr 2021**

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System (Blood Vessels)	Chapter 21	Progress Quiz 1 closes at 17:00 AEST on Friday 9th April 2021.

**Vacation Week - 12 Apr 2021**

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

**Week 6 - 19 Apr 2021**

Module/Topic	Chapter	Events and Submissions/Topic
The Lymphatic System and Immunity	Chapter 22	Progress Quiz 2 opens at 17:00 AEST on Friday 23rd April 2021.

**Week 7 - 26 Apr 2021**

Module/Topic	Chapter	Events and Submissions/Topic
The Respiratory System	Chapter 23	Progress Quiz 2 closes at 17:00 AEST on Friday 30th April 2021.

**Week 8 - 03 May 2021**

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

**Week 9 - 10 May 2021**

Module/Topic	Chapter	Events and Submissions/Topic
The Urinary System	Chapter 26	Progress Quiz 3 opens at 17:00 AEST on Friday 14th May 2021.

**Week 10 - 17 May 2021**

Module/Topic	Chapter	Events and Submissions/Topic
The Reproductive System	Chapters 28 and 29	Progress Quiz 3 closes at 17:00 AEST on Friday 21st May 2021.

**Week 11 - 24 May 2021**

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 28th May 2021.

**Week 12 - 31 May 2021**

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 4th June 2021.

**Review/Exam Week - 07 Jun 2021**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 14 Jun 2021**

Module/Topic	Chapter	Events and Submissions/Topic
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## Term Specific Information

The unit coordinator is Dr Ryan du Preez.

**Best contact is email:** r.dupreez@cqu.edu.au

Phone: 07 4930 9268

Pre-recorded lectures are available from the Moodle site. Live tutorials will be delivered through Zoom by the unit coordinator. It is expected that students will review the weekly content, including the pre-recorded lectures and revision worksheets, prior to attending tutorials.

As per Australian educational standards, you are expected to commit 150 hours of engagement to your study of this unit. A recommended breakdown of study hours is given below:

- 2 - 3 hours per week watching pre-recorded lectures and revising the content through study notes.
- 2 - 3 hours per week completing the weekly study questions and weekly revision quizzes on the unit's Moodle site.
- 2 - 3 hours per week attending the weekly tutorials and reflecting on your answers to the weekly revision worksheets.
- 3 - 4 hours per week preparing for your assessable progress quizzes and studying for your online test.

## 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 quizzes will be available for a period of one (1) study week and must be completed by the closing date listed in the table below:

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

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 count as your final mark for that quiz.
4. Your mark 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 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 quiz has closed.

#### Number of Quizzes

4

#### Frequency of Quizzes

Other

#### Assessment Due Date

All of the quizzes will be available for a period of one (1) study 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 after completing the assessment task.

**Weighting**

50%

**Minimum mark or grade**

50%

**Assessment Criteria**

Questions will be automatically marked correct or incorrect. The maximum mark (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 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

## 2 Online Test

**Assessment Type**

Online Test

**Task Description**

An end of term online test, in the form of an online quiz, will be conducted to assess your knowledge and understanding of the content covered in this unit throughout the term.

**Assessment Due Date**

The online test will be conducted during the exam period. The date and time will be made available to students towards the end of term when the timetable has been created.

**Return Date to Students**

Marks will be available after Certification of Grades.

**Weighting**

50%

**Minimum mark or grade**

50%

**Assessment Criteria**

Questions will be automatically marked correct or incorrect, the maximum mark (100) 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 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

## 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