



BIOH11006 *Advanced Anatomy and Physiology*

Term 1 - 2021

Profile information current as at 14/12/2025 06:16 pm

All details in this unit profile for BIOH11006 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

On successful completion, students will have a detailed understanding of the normal functioning of the human body. Students will be able to describe the structure and function of the major organ systems of the human body, including the nervous, circulatory, digestive, respiratory, renal, endocrine, immune and reproductive systems. Students will be able to explain the role of regulatory and feedback control systems in maintaining body functions within effective operational limits.

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

Pre-requisites: BIOH11005 Introductory Anatomy and Physiology.

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 Test**

Weighting: 40%

2. **Online Test**

Weighting: 60%

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

Well structured Moodle site with appropriate resources which supports student engagement.

Recommendation

Maintain the use of weekly sections for learning goals, reading lists, lecture and tutorial recordings and notes to support student engagement with the unit's Moodle site.

Feedback from Have your say

Feedback

Too much content assessed within one assessment item.

Recommendation

Change the assessment tasks to mid-term and end of term assessments to help the students manage the volume of learning and stay engaged with the unit.

Feedback from Have your say Unit coordinator reflection

Feedback

Students found that the end of term test needed more time to address the content covered.

Recommendation

Review the duration time and number of questions offered within the end of term test.

Unit Learning Outcomes

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

1. Describe the detailed anatomy and normal functioning of the major physiological systems of the human body.
2. Discuss the concepts and processes of homeostatic regulation and feedback within the human body
3. Explain the neuronal and hormonal control mechanisms of human body systems
4. Describe the interplay of factors involved in normal system function and how these are usually kept within effective operational limits.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Test - 40%	•	•	•	•
2 - Online Test - 60%	•	•	•	•

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				
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 Test - 40%		•								
2 - Online Test - 60%	•	•	•							

Textbooks and Resources

Textbooks

BIOH11006

Prescribed

Essentials of Human Anatomy & Physiology

Edition: 12 (2018)

Authors: Elaine N. Marieb and Suzanne M. Keller

Pearson

ISBN: 9781292216119

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 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

William Deasy Unit Coordinator

w.deasy@cqu.edu.au

Schedule

Week 1 - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Metabolism and Energy	Chapter 14: pages 516-527	

Week 2 - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Muscle Physiology	Chapter 6: pages 211-222	

Week 3 - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Peripheral Nervous System	Chapter 7: pages 260-265; 281-299	

Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Central Nervous System	Chapter 7: pages 265-281	

Week 5 - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
General and Special Senses	Chapter 7: pages 258-259 Chapter 8: pages 304-329	

Vacation Week - 12 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Week 6 - 19 Apr 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Endocrine System and Blood	Chapter 9: pages 334-357 Chapter 10: pages 366-379	Mid-Term Online Assessment Due: Week 6 Thursday (22 Apr 2021) 2:00 pm AEST

Week 7 - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Immune System	Chapter 12: pages 429-450	

Week 8 - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Cardiovascular System	Chapter 11: pages 390-396; 406-418	

Week 9 - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Respiratory and Urinary System	Chapter 13: pages 471-485 Chapter 15: pages 539-550	

Week 10 - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Fluid and pH Homeostasis	See the Moodle site for assigned reading.	

Week 11 - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
DNA and Genetics	See the Moodle site for assigned reading.	

Week 12 - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Reproductive System	Chapter 16: pages 569-573; 577-598	

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 Mr William Deasy (w.deasy@cqu.edu.au; (07) 4930 6365), William has recently completed his PhD in Physiology studying the effects of the 5:2 intermittent fasting diet on weight loss and cardiovascular and metabolic risk and will be delivering the Concept tutorials. Q&A tutorials will be pre-recorded classes.

The teaching team for BIOH11006 Term 1, 2021 consists of Mr William Deasy, Dr Romeo Batacan and Ms Roslyn Clapperton.

The lectures for Weeks 1, 2, 6, 7, 8, 9 and 10 are pre-recorded lectures by Mr. William Deasy.

The lectures of Week 3, 4, 12 are pre-recorded lectures by Ms Roslyn Clapperton.

The lectures for Weeks 5, 6, 11 and 12 are pre-recorded lectures by Dr. Romeo Batacan. Dr. Batacan is a medical doctor (MD) who later completed a PhD in Biomedical Science.

Assessment Tasks

1 Mid-Term Online Assessment

Assessment Type

Online Test

Task Description

An understanding of human anatomy and physiology is essential in many health professions. The fundamentals of this knowledge must be learnt and understood. The knowledge and concepts taught in this unit have been identified by various health professions as relevant to your future scope of practice. This online assessment accounts for 40% of your total grade and covers the content that you have studied in weeks 1 to 5. This online assessment will be available for a 24 hour period. There is only one (1) attempt allowed, and there is a minimum requirement of 50% to pass.

Assessment Due Date

Week 6 Thursday (22 Apr 2021) 2:00 pm AEST

Return Date to Students

Week 6 Friday (23 Apr 2021)

Results will be returned automatically at the completion of the online assessment via Moodle.

Weighting

40%

Minimum mark or grade

50%

Assessment Criteria

The online assessment will open at 2pm on Thursday 22nd April (22/04/2021) and will be available until 2pm on Friday 23rd April (23/04/2021). The online assessment can be accessed through the assessment tab at the top of the BIOH11006 Moodle site. This online assessment accounts for 40% of the total grade for this unit, and has a minimum requirement of 50% to pass.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Describe the detailed anatomy and normal functioning of the major physiological systems of the human body.
- Discuss the concepts and processes of homeostatic regulation and feedback within the human body
- Explain the neuronal and hormonal control mechanisms of human body systems
- Describe the interplay of factors involved in normal system function and how these are usually kept within effective operational limits.

Graduate Attributes

- Problem Solving

2 End of Term Online Assessment

Assessment Type

Online Test

Task Description

An understanding of human anatomy and physiology is essential in many health professions. The fundamentals of this knowledge must be learnt and understood. The knowledge and concepts taught in this unit have been identified by various health professions as relevant to your future scope of practice. This online assessment accounts for 60% of your total grade and covers the content that you have studied in weeks 6 to 12, and may include some critical thinking questions that draw upon knowledge gained in weeks 1 to 5. This online assessment will be available for a 24 hour period. There is only one (1) attempt allowed, and there is a minimum requirement of 50% to pass.

Assessment Due Date

Date to be allocated

Return Date to Students

Weighting

60%

Minimum mark or grade

50%

Assessment Criteria

The online assessment will open at 2pm on the allocated day during the exam period and will be available until 2pm on the following day. The online assessment can be accessed through the assessment tab at the top of the BIOH11006 Moodle site. This online assessment accounts for 60% of the total grade for this unit, and has a minimum requirement of 50% to pass.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Describe the detailed anatomy and normal functioning of the major physiological systems of the human body.
- Discuss the concepts and processes of homeostatic regulation and feedback within the human body
- Explain the neuronal and hormonal control mechanisms of human body systems
- Describe the interplay of factors involved in normal system function and how these are usually kept within effective operational limits.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

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