



BIOH11006 *Advanced Anatomy and Physiology*

Term 3 - 2018

Profile information current as at 14/12/2025 05:54 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 3 - 2018

- Distance
- 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” student feedback.

Feedback

Some students enjoyed that the lectures were delivered by two different lecturers in team teaching format.

Recommendation

Keep the same delivery format.

Feedback from “Have your say” student feedback.

Feedback

Some students found the identical weekly Moodle site structure beneficial.

Recommendation

Maintain the same Moodle site structure.

Feedback from “Have your say” student feedback

Feedback

Some students found the unlimited practice quiz and terminology quiz access helpful.

Recommendation

Maintain the same unlimited access format.

Feedback from “Have your say” student feedback

Feedback

Some students found the two distinct tutorial focus (concept and Q&A) helpful.

Recommendation

Keep the same tutorial format.

Feedback from “Have your say” student feedback

Feedback

Some students expressed dissatisfaction with mistakes and errors in the newly developed materials.

Recommendation

Review and minimise mistakes and errors in learning and teaching materials.

Feedback from “Have your say” student feedback

Feedback

Some students expressed dissatisfaction that unit materials were not available from the beginning of the term.

Recommendation

Develop learning and teaching material to be ready for the start of the term.

Feedback from “Have your say” student feedback

Feedback

Some students expressed dissatisfaction with the quality of delivered lectures.

Recommendation

Update lectures with green screen delivery model.

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

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

Textbooks and Resources

Textbooks

BIOH11006

Prescribed

Essentials of Human Anatomy & Physiology

Edition: 12th (2018)

Authors: Elaine N. Marieb & Suzanne M. Keller

Pearson Education Limited

Essex, England

ISBN: 1292216115

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

For further information, see the Assessment Tasks.

Teaching Contacts

William Deasy Unit Coordinator

w.deasy@cqu.edu.au

Henrik Pallos Unit Coordinator

h.pallos@cqu.edu.au

Schedule

Week 1 - 05 Nov 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Blood The Lymphatic System and Body Defenses	Chapter 10 Pages 366-379 Chapter 12 Pages 429-448	ALL Progress Quizzes open on Week 1, Monday, 09:00am AEST and close on Exam Week, Monday, 09:00am AEST.

Week 2 - 12 Nov 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Cardiovascular System - The Heart and Blood Vessels	Chapter 11 Pages 390-396, 406-418	

Week 3 - 19 Nov 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Endocrine System	Chapter 9 Pages 334-357	

Week 4 - 26 Nov 2018

Module/Topic	Chapter	Events and Submissions/Topic
Metabolism and Energy	Chapter 14 Pages 516-526	

Vacation Week - 03 Dec 2018

Module/Topic	Chapter	Events and Submissions/Topic
Study break		

Week 5 - 10 Dec 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Muscular System: Muscle Physiology	Chapter 6 Pages 211-222	

Week 6 - 17 Dec 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Nervous System: Peripheral Nervous System	Chapter 7 Pages 260-265, 281-299	

Week 7 - 31 Dec 2018

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

Week 8 - 07 Jan 2019

Module/Topic	Chapter	Events and Submissions/Topic
The Nervous System: General Senses Special Senses	Chapter 7 Pages 258-259 Chapter 8 Pages 304-329	

Week 9 - 14 Jan 2019

Module/Topic	Chapter	Events and Submissions/Topic
The Respiratory System The Urinary System	Chapter 13 Pages 471-485 Chapter 15 Pages 542-557	

Week 10 - 21 Jan 2019

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

Week 11 - 28 Jan 2019

Module/Topic	Chapter	Events and Submissions/Topic
The Reproductive System	Chapter 16 Pages 569-573, 577-583, 593-598	

Week 12 - 04 Feb 2019

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

Exam Week - 11 Feb 2019

Module/Topic	Chapter	Events and Submissions/Topic
		ALL Progress Quizzes close on Exam Week, Monday, 09:00am AEST.

Term Specific Information

The Unit Coordinators are Mr. William Deasy (w.deasy@cqu.edu.au; tel: 0749306365) and Dr. Henrik Pallos (h.pallos@cqu.edu.au; tel: 0749306701).

The lectures of Week 1, 2, 4, 5, 9 and 10 are pre-recorded lectures of Mr. William Deasy. Mr. Deasy is a microbiologist and he is in the final stages of completing a PhD in Medical Physiology.

The lectures of Week 3, 6, 7, 8, 11 and 12 are pre-recorded lectures of Dr. Romeo Batacan. Dr. Batacan is a medical doctor (MD) who later completed a PhD in Biomedical Science.

The live tutorials are delivered by Mr. William Deasy.

The forums on the Moodle site are checked by Mr. William Deasy.

Assessment Tasks

1 Progress Quizzes

Assessment Type

Online Quiz(zes)

Task Description

Rationale

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.

Completion of progress quizzes will assess your understanding of this knowledge and concepts.

1. There will be four separate progress quizzes to assess your knowledge of the unit material.
2. Each progress quiz will have 30 questions.
3. Each progress quiz will open on Week 1 Monday at 09:00am and will close on Exam Week Monday at 09:00am AEST.
4. You will be allowed three attempts at each quiz. It is not compulsory to attempt the quiz three times. The attempt where you achieved the highest grade will serve as your final score for that quiz.
5. There is a 24-hour time restriction between attempts.
6. Your score from each progress quiz will contribute 12.5% to your final grade (4 quizzes X 12.5% = 50%).
7. In order to access each progress quiz, you will need to complete a series of learning activities to satisfactory level.
8. In the absence of an approved extension, there will be no opportunity to complete the quiz after the due date.

Quiz Number	Topic examined	Time / date the quiz opens	Time / date the quiz closes
1	Week 1, 2, 3	Week 1 Monday 9:00am (AEST)	Exam Week Monday 09:00am (AEST)
2	Week 4, 5, 6	Week 1 Monday 9:00am (AEST)	Exam Week Monday 09:00am (AEST)
3	Week 7, 8, 9	Week 1 Monday 9:00am (AEST)	Exam Week Monday 09:00am (AEST)
4	Week 10, 11, 12	Week 1 Monday 9:00am (AEST)	Exam Week Monday 09:00am (AEST)

You will find more details of each progress quiz on the unit Moodle site.

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

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 (120) that can be accumulated from the four online quizzes equals 50% of the total marks.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Describe the detailed anatomy and normal functioning of the major physiological systems of 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

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