



# BIOH11005 *Introductory Anatomy and Physiology*

## Term 3 - 2017

Profile information current as at 26/05/2022 10:19 pm

All details in this unit profile for BIOH11005 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

Introductory Anatomy and Physiology is a foundation unit that provides an introduction to the structure and function of the human body. On successful completion of this unit, students will be able to identify and describe the basic anatomy of the major organs of the body and discuss the function of each organ system in general terms. Students will understand basic chemical concepts that relate to living organisms and will be able to explain the general features of cells, tissues and organs. Students will also be able to explain the role and general features of homeostasis in the body.

### 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 3 - 2017

- Distance

### 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: 30%

#### 2. **Online Quiz(zes)**

Weighting: 10%

#### 3. **Examination**

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 Moodle Big Red Button feedback

##### Feedback

From student feedback the best aspects of this unit were: 1) the teaching style of the lecturer in that he explained things really well and was easily understood, he communicated well (including quick replies to any questions), he provided ways of helping to remember content and he was approachable and supportive; 2) the unit was well organised and structured and 3) there were lots of ways to learn the content available including lectures, readings, review questions, practical videos, activities, quizzes and tests.

##### Recommendation

Continue delivering the unit in a similar engaging way with good support for student learning.

#### Feedback from Moodle Big Red Button Feedback.

##### Feedback

In response to the question "What aspects are most in need of improvement?" the most common response was that there was nothing to be improved; however some students did find the unit had a lot of content and some were a little overwhelmed by the three lectures per week given in the first few weeks of term.

##### Recommendation

Bear in mind student workload when considering addition of new material. If new material is added, consider which material could possibly be removed. The average number of lectures is a little over 2 per week over the term and students need to be made more aware that although there are on average about 3 lectures per week in the first few weeks, towards the end of the term there is a lot of time for revision.

## Unit Learning Outcomes

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

1. Describe the structural levels of organisation of the human body and the relationship that exists between them.
2. Explain the principles of homeostasis in maintaining a stable internal environment.
3. Describe the organisation, structure and function of cells, principal tissues and organs of the major body systems.
4. Correctly use anatomical terminology and be able to name and describe anatomical structures and their functions.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
<b>1 - Online Test - 30%</b>				•
<b>2 - Online Quiz(zes) - 10%</b>	•	•	•	•
<b>3 - Examination - 60%</b>	•	•	•	•

## 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 - 30%	•	•	•	•						
2 - Online Quiz(zes) - 10%	•	•	•	•		•				
3 - Examination - 60%	•	•	•			•				

## Textbooks and Resources

### Textbooks

BIOH11005

#### Prescribed

#### Essentials of Human Anatomy & Physiology, Global Edition

Edition: 12th edn Global (2017)

Authors: Marieb, E

Pearson

Harlow , Essex , UK

ISBN: 9781292216119

Binding: Paperback

#### Additional Textbook Information

\*\*Note: As part of a small CQUniversity etextbook pilot project being conducted in Term 3, an electronic copy of the prescribed textbook will be provided through the unit's Moodle at no cost to enrolled students. More details are available on the unit's Moodle site\*\* If preferred, you can still purchase a paper copy from the CQUni Bookshop here:

<http://bookshop.cqu.edu.au/>

[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

**Romeo Batacan** Unit Coordinator

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

## Schedule

### Week 1 - 06 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Unit	Chapter 1	
Levels of Organisation	Chapter 1	
Homeostasis	Chapter 1	
Chemical Basis of Life (a)	Chapter 2	

### Week 2 - 13 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Chemical Basis of Life (b)	Chapter 2	
Energy in Living Systems	Chapter 2	
Cell Structure - Plasma Membrane	Chapter 3	

### Week 3 - 20 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

Transport Mechanisms	Chapter 3
Cell Organelles	Chapter 3
Tissues (a)	Chapter 3

#### Week 4 - 27 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Tissues (b)	Chapter 3	
Bone Tissue	Chapter 5	
Bone Structure	Chapter 5	

#### Vacation Week - 04 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

#### Week 5 - 11 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
Joints (Articulations)	Chapter 5	Online Prac Quiz 1 opens on Week 5, Friday, 17:00 AEST (closes on Week 6, Friday, 17:00 AEST)
Muscular System	Chapter 6	

#### Week 6 - 18 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
Cardiovascular System	Chapter 10, 11 Chapter 12	Revision Quiz 1 opens on Week 6, Friday, 17:00 AEST (closes on Week 7, Friday, 17:00 AEST)
Lymphatic System		

#### Week 7 - 01 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Blood Vessels	Chapter 11	
Respiratory System	Chapter 13	

#### Week 8 - 08 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System	Chapter 4	
Digestive System	Chapter 14	

#### Week 9 - 15 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Urinary System	Chapter 15	
Nervous System	Chapter 7	

#### Week 10 - 22 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Endocrine System	Chapter 9	Online Prac Quiz 2 opens on Week 10, Friday, 17:00 AEST (closes on Week 11, Friday, 17:00 AEST)

#### Week 11 - 29 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Reproductive System & Pregnancy	Chapter 16	Revision Quiz 2 opens on Week 11, Friday, 17:00 AEST (closes on Week 12, Friday, 17:00 AEST)

#### Week 12 - 05 Feb 2018

Module/Topic	Chapter	Events and Submissions/Topic
No Lectures - <b>Student Revision</b>		

#### Review/Exam Week - 12 Feb 2018

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

## Assessment Tasks

### 1 Online Prac Quizzes

#### Assessment Type

Online Test

#### Task Description

1. There will be two separate online quizzes to assess your knowledge of the online prac material.
2. Each quiz will have 15 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 15% to your final grade (2 quizzes x 15% = 30%).
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
1	Online Prac 1-5	17:00pm (AEST) Friday of Week 5	17:00pm (AEST) Friday of Week 6
2	Online Prac 6-10	17:00pm (AEST) Friday of Week 10	17:00pm (AEST) Friday of Week 11

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

#### Assessment Due Date

A new Online Prac Quiz will open in Week 5 and 10 on Friday at 17:00 AEST. Each Online Prac 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

30%

#### Minimum mark or grade

50%

#### Assessment Criteria

Questions will be automatically marked correct or incorrect. The maximum mark from the two quizzes (30) equals 30% of the total unit marks.

#### Referencing Style

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

#### Submission

Online

#### Learning Outcomes Assessed

- Correctly use anatomical terminology and be able to name and describe anatomical structures and their functions.

#### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

### 2 Revision Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

1. There will be two separate online revision quizzes to assess your knowledge of lecture material.
2. Each quiz will have 30 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 5% to your final grade (2 quizzes x 5% = 10%).
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
Revision Quiz 1	Week 1-5	17:00pm (AEST) Friday of Week 6	17:00pm (AEST) Friday of Week 7
Revision Quiz 2	Week 6-10	17:00pm (AEST) Friday of Week 11	17:00pm (AEST) Friday of Week 12

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

### Number of Quizzes

2

### Frequency of Quizzes

### Assessment Due Date

A new Revision Quiz will open in Week 6 and 11 on Friday at 17:00 AEST. Each Revision 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

10%

### Minimum mark or grade

50%

### Assessment Criteria

Questions will be automatically marked correct or incorrect. The maximum score (60) that can be accumulated from the two Revision Quizzes equals 10% of the total unit marks.

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Describe the structural levels of organisation of the human body and the relationship that exists between them.
- Explain the principles of homeostasis in maintaining a stable internal environment.
- Describe the organisation, structure and function of cells, principal tissues and organs of the major body systems.
- Correctly use anatomical terminology and be able to name and describe anatomical structures and their functions.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## Examination

### Outline

Complete an invigilated examination

### Date

During the examination period, at a CQUniversity examination centre

### Weighting

60%

**Length**

180 minutes

**Minimum mark or grade**

50%

**Details**

No calculators permitted

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

Closed Book

## 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