



BIOH11005 *Introductory Anatomy and Physiology*

Term 1 - 2019

Profile information current as at 25/04/2024 08:48 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 1 - 2019

- 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

Students liked the good quality of the new recorded lectures.

Recommendation

Continue with the use of green-screen lectures to provide students with high quality learning resources.

Feedback from Have your say feedback

Feedback

Students liked the organisation of the unit, including the offering of two tutorials per week, tutorial worksheets and the practice quizzes provided.

Recommendation

Continue to deliver the unit in the same organised manner. Scaffolding the unit content has also been introduced to encourage students to revise content on a week to week basis and help exam preparation. Tutorials will also continue to be delivered in this format.

Feedback from Have your say feedback

Feedback

Students suggested that lecture notes be available from the first week.

Recommendation

Now that all content has been redeveloped, all lecture notes and recordings will be available to the students in the first week of term. A compilation of the tutorial worksheets and lecture notes have been provided.

Feedback from Have your say feedback

Feedback

Students wanted summative quizzes to be available for completion all term.

Recommendation

With the introduction of scaffolding, all quizzes will be available from the Monday of week 1 and open until the Friday of week 12.

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

 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

BIOH11005

Prescribed

Essentials of Human Anatomy & Physiology

Edition: 12th (2017)

Authors: Elaine N. Marieb & Suzanne M. Keller

Pearson Education Limited

Essex, England

ISBN: 1292216115

Binding: Paperback

Additional Textbook Information

The ISBN listed is for the paper copy available through the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

Or alternatively, students can purchase an ebook copy directly from the Pearson website here:

<http://www.pearson.com.au/9781292216263>

[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 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Corine Ting Unit Coordinator

c.ting@cqu.edu.au

Romeo Batacan Unit Coordinator

r.j.batacan@cqu.edu.au

Schedule

Week 1 - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Unit	Chapter 1 Pages 27-28	ALL Progress Quizzes open on Week 1, Monday, 09:00 AM AEST and close on Review/Exam Week, Tuesday, 09:00 AM AEST.
Levels of Structural Organisation	Chapter 1 Pages 28-45	
Homeostasis	Chapter 1 Pages 45-46	
Basic Chemistry (a)	Chapter 2 Pages 50-64, 77-78	

Week 2 - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Basic Chemistry (b)	Chapter 2 Pages 64-81	
Cell Structure - Plasma Membrane	Chapter 3 Pages 88-92	

Week 3 - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Membrane Transport	Chapter 3 Pages 102-108	
Cell Organelles	Chapter 3 Pages 93-102	
Body Tissues (a)	Chapter 3 Pages 114-119	

Week 4 - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Body Tissues (b)	Chapter 3 and 4 Pages 119-127, 135-138	
Skeletal System: Bones	Chapter 5 Pages 160-172	

Week 5 - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Skeletal System: Joints (Articulations)	Chapter 5 Pages 192-199	
Muscular System	Chapter 6 Pages 207-229	

Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Study break		

Week 6 - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System	Chapter 4 Pages 138-145	
Nervous System	Chapter 7 Pages 251-265, 281-285	

Week 7 - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Endocrine System	Chapter 9 Pages 334-335, 338-353	

Week 8 - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Blood	Chapter 10 Pages 363-374	
Cardiovascular System: The Heart	Chapter 11 Pages 382-390, 415-416	
Cardiovascular System: Blood Vessels	Chapter 11 Pages 396-406	

Week 9 - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Lymphatic System	Chapter 12 Pages 424-429	
Respiratory System	Chapter 13 Pages 462-473, 475-478	

Week 10 - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Digestive System	Chapter 14 Pages 489-513	

Week 11 - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Urinary System	Chapter 15 Pages 537-550, 557-561	

Week 12 - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
Reproductive System	Chapter 16 Pages 564-569, 573-577	
Pregnancy	Chapter 16 Pages 583-593	

Review/Exam Week - 10 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
Exam Preparation		ALL Progress Quizzes close on Review/Exam Week, Tuesday (11 June 2019), 09:00 AM AEST.

Term Specific Information

The Unit Coordinators are Corine Ting (c.ting@cqu.edu.au) and Dr. Romeo Batacan Jr (r.j.batacan@cqu.edu.au; tel: 0749309278).

The lectures of Week 1, 6, 7, 9, 10 and 12 are pre-recorded lectures of Dr. Romeo Batacan Jr. Dr. Batacan is a medical doctor (MD) who later completed a PhD in Biomedical Science.

The lectures of Week 2, 3, 4, 5, 8 and 11 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 live tutorials are delivered by Corine Ting. Corine Ting completed Bachelor of Biomedical Science (First Class Honours) at The University of Adelaide.

The forums on the Moodle site are checked by Corine Ting.

Assessment Tasks

1 Progress Quizzes

Assessment Type

Online Quiz(zes)

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. 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. All progress quizzes will open on Week 1 Monday at 09:00am and will close on Review/Exam Week Tuesday at 09:00am.
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 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)	Review/Exam Week Tuesday 09:00am (AEST)
2	Week 4, 5, 6	Week 1 Monday 9:00am (AEST)	Review/Exam Week Tuesday 09:00am (AEST)
3	Week 7, 8, 9	Week 1 Monday 9:00am (AEST)	Review/Exam Week Tuesday 09:00am (AEST)
4	Week 10, 11, 12	Week 1 Monday 9:00am (AEST)	Review/Exam Week Tuesday 09:00am (AEST)

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

Review/Exam Week Tuesday (11 June 2019) 09:00am AEST

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. The 50% minimum mark requirement is on the cumulative score of all four quizzes.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Quizzes will be completed online through the unit Moodle site.

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

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