BIOH11005 *Introductory Anatomy and Physiology*
Term 1 - 2017

Profile information current as at 14/12/2025 12:39 pm

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 - 2017

- Bundaberg
- Distance
- Mackay
- 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: 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 course evaluation

Feedback
Students like the way the course is organised and delivered, particularly the ability to re-watch the lectures and the prac demonstrations.

Recommendation
Review to see if the presentation can be improved even more.

Action
Live lectures were deilivered that created a good learning environment and provided opportunity for some of the students to ask questions during the delivery.

Feedback from Moodle course evaluation

Feedback
Home Activity Tests - minor issues with loading for a few students.

Recommendation
Review and refine tests to avoid loading problem.

Action
The Home Activity tests were completely redesigned and are now offered via the Moodle site. This was a great improvement with no issues reported regarding sudents having loading problems.

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

Alignment of Assessment Tasks to Learning Outcomes

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

Textbooks and Resources

Textbooks

BIOH11005

Prescribed

Human Anatomy & Physiology
(2016)
Authors: Amerman, Erin
Pearson
Essex , UK
ISBN: 9781292112336
Binding: Paperback

Additional Textbook Information
The ISBN listed is for the paper copy available through the CQUni Bookshop here: http://bookshop.cqu.edu.au
Or alternatively, students can purchase an ebook copy directly from the Pearson website here:
http://www.pearson.com.au/9781292112411

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Mastering A&P. Students must register with the Pearson MyLab and Mastering Tools available via the Moodle site in order to do the Home Activity Tests.

Referencing Style

All submissions for this unit must use the referencing style: Harvard (author-date)
For further information, see the Assessment Tasks.

Teaching Contacts

Leo Duivenvoorden Unit Coordinator
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Schedule

Week 1 - 06 Mar 2017

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

Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Chemical Basis of Life (b)	Chapter 2	
Energy in Living Systems	Chapter 3	
Cell Structure	Chapter 3	Complete online **Prac Tutorial 1**
Plasma Membrane	Chapter 3	

Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Transport Mechanisms Cell Organelles Tissues (a)	Chapter 3 Chapter 3 Chapter 4	Complete online **Prac Tutorial 2**

Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Tissues (b) Bone Structure Skeletal System	Chapter 4 Chapter 6 Chapter 7	Complete online **Prac Tutorial 3**

Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Articulations (Joints) Muscular System	Chapter 8 Chapter 9	**Home Activity Test 1** - **based on Prac Tutorials 1-3** **Opens: Monday 3 April at 9.00am** **Closes: Friday 14 April at 5.00pm** **Please Note:** **This test is compulsory - you must obtain a minimum mark in order to pass the course.**

Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
		Revision Quiz 1 - **based on Weeks 1-5 lectures** **Opens: Monday 10th April at 9.00am**. **Closes: Friday 21st April at 5.00pm** **Please Note:** **This test is compulsory - you must obtain a minimum mark in order to pass the course.**

Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Heart Blood Lymph	Chapter 17 Chapter 19 Chapter 20	Complete online **Prac Tutorial 4**

Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Blood Vessels Respiratory System	Chapter 18 Chapter 21	Complete online **Prac Tutorial 5**

Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System Digestive System	Chapter 5 Chapter 22	Complete online **Prac Tutorial 6**

Week 9 - 08 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Urinary System Nervous System	Chapter 24 Chapter 11	**Home Activity Test 2** - **based on Prac Tutorials 4-6** **Opens: Monday 8 May at 9.00am** **Closes: Friday 19 May at 5.00pm** **Please Note:** **This test is compulsory - you must obtain a minimum mark in order to pass the course.**

Week 10 - 15 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Endocrine System Review/Exam Prep	Chapter 16	**Start revision**

Week 11 - 22 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
No lectures - **Student Revision**		**Revision Quiz 2** - **based on Weeks 6-11 lectures** **Opens: Monday 22nd May at 9.00am**. **Closes: Friday 2nd June at 5.00pm.** **Please Note:** **This test is compulsory - you must obtain a minimum mark in order to pass the course.**

Week 12 - 29 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
No Lectures - **Student Revision**		

Review/Exam Week - 05 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 12 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Home Activity tests (HAT1 and HAT2)

Assessment Type
Online Test

Task Description
The two on-line Home Activity Tests will be based on the material covered in the on-line practical tutorial sessions that will support the lecture content.
This assessment task is designed to develop your knowledge of anatomical terminology and the relationship between structure and function of anatomical structures.
You must obtain 30% of the total available marks for this assessment item.
Further details will be posted on the Moodle site.

Assessment Due Date

HAT1 will open on Monday 3 April at 9am AEST and close on Friday 14 April at 5 pm AEST. HAT2 will open on Monday 8 May at 9 am AEST and close on Friday 19 May at 5 pm AEST.

Return Date to Students

Students will get feedback after each test closes.

Weighting
30%

Minimum mark or grade
This assessment item is compulsory and students must obtain at least 30% of the total available marks for this assessment..

Assessment Criteria
No Assessment Criteria

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Details will be provided on the Moodle site at the start of the term.

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 (1 and 2)

Assessment Type
Online Quiz(zes)

Task Description
There are two on-line revision quizzes based on the lecture material.
Each quiz is worth 5%.
This task is designed to keep you focused on and up to date with your studies - you need to review the lecture material before completing each quiz. Each quiz will be open for twelve days.
Students must obtain at least 30% of the total marks available for this assessment item.
You must complete all assessment items in order to be considered for a deferred exam.
More detailed information on this assessment item will be posted on the course Moodle site.

Number of Quizzes
2

Frequency of Quizzes

Assessment Due Date

Quiz 1 opens on Monday 10 April at 9.00am AEST and closes on Friday 21 April at 5.00pm AEST. Quiz 2 opens on Monday 10 April at 9.00am AEST and closes on Friday 21 April at 5.00pm AEST.

Return Date to Students

Immediate feedback upon completion of the quiz.

Weighting
10%

Minimum mark or grade
30%

Assessment Criteria
Students must select the correct answer to obtain maximum marks for each question.
For each quiz, two attempts are permitted. The best of the two attempts will be used for your mark.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Instructions will be posted on 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
60%

Length
180 minutes

Minimum mark or grade
40%

Exam Conditions
Closed Book.

Materials
No calculators permitted
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