



# BIOH11005 *Introductory Anatomy and Physiology*

## Term 2 - 2020

Profile information current as at 19/05/2022 09:41 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 2 - 2020

- 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

##### Feedback

The students commented the tutorials were engaging and highly relevant to their professions.

##### Recommendation

Continue the use of engaging tutorials with the focus on the student's future professions.

## 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
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	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
<b>5 - Team Work</b>				
<b>6 - Information Technology Competence</b>	•	•	•	
<b>7 - Cross Cultural Competence</b>				
<b>8 - Ethical practice</b>				
<b>9 - Social Innovation</b>				
<b>10 - Aboriginal and Torres Strait Islander Cultures</b>				

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
<b>1 - Online Test - 40%</b>	•	•	•	•		•				
<b>2 - Online Test - 60%</b>	•	•	•							

## Textbooks and Resources

### Textbooks

BIOH11005

#### Prescribed

#### Essentials of Human Anatomy and Physiology (Global edition)

Edition: 12th (2020)

Authors: Elaine Marieb and Suzanne Keller

Pearson

Harlow , Essex , England

ISBN: 9781292216119

Binding: Paperback

#### Additional Textbook Information

If you prefer to study with a paper copy, they can be purchased at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code). eBooks can be purchased at the publisher's website.

[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](mailto:w.deasy@cqu.edu.au)

## Schedule

### Week 1 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Levels of Structural Organisation	Chapter 1 Pages 28-45	
Homeostasis	Chapter 1 Pages 45-46	
Basic Chemistry	Chapter 2 Pages 50-64, 77-78	

### Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Basic Chemistry - Energy in Living Systems	Chapter 2 Pages 64-81	
Cell Structure - Plasma Membranes	Chapter 3 Pages 88-92	

### Week 3 - 27 Jul 2020

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

### Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Body Tissues - Connective Tissue & Membranes	Chapter 3 Pages 119-127, Chapter 4 Pages 135-138	
Skeletal System: Bones	Chapter 5 Pages 160-170	

### Week 5 - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Skeletal System: Joints (Articulations)	Chapter 5 Pages 192-199	
Muscular System	Chapter 6 Pages 207-211, 222-229	

### Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Study break		

### Week 6 - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System	Chapter 4 Pages 138-149	
Nervous System	Chapter 7 Pages 251-265, 281-285	
		<b>Mid-term Online Assessment Due:</b> Week 6 Thursday (27 Aug 2020) 2:00 pm AEST

### Week 7 - 31 Aug 2020

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

### Week 8 - 07 Sep 2020

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

### Week 9 - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Lymphatic System	Chapter 12 Pages 424-429	
Respiratory System	Chapter 13 Pages 462-485	

### Week 10 - 21 Sep 2020

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

### Week 11 - 28 Sep 2020

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

### Week 12 - 05 Oct 2020

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 - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
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### Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		End of term online test - Date to be advised

## Term Specific Information

The Unit Coordinator for Term 2, 2020 is William Deasy (w.deasy@cqu.edu.au; 0749306365). William will be delivering the weekly tutorials, responding to student inquiries and assisting students with any forum questions. 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.

The teaching team for BIOH11005 Term 2, 2020 consists of Corine Ting, Roslyn Clapperton and William Deasy.

The lecture for Week 1 is a pre-recorded lecture of Corine Ting

The lectures for Weeks 2, 3, 4, 5, 7, 8, 9, 10 and 11 are pre-recorded lectures of William Deasy.

The lectures for Weeks 6 and 12 are pre-recorded lectures of Roslyn Clapperton.

## Assessment Tasks

### 1 Mid-term Online Assessment

#### Assessment Type

Online Test

#### Task Description

An understanding of human anatomy and physiology is essential in 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 the online assessments will assess

your understanding of these concepts and knowledge.

This Online Test accounts for 40% of your total grade and covers the content that you have studied in weeks 1 to 5. This assessment has a minimum requirement of 50% to pass (you must achieve at least 50% of the total mark to pass). You will have (1) attempt allowed.

**Assessment Due Date**

Week 6 Thursday (27 Aug 2020) 2:00 pm AEST

The test will open at 2pm on Thursday 27/8/2020 and will be available for 24 hours until 2pm Friday 28/8/2020.

**Return Date to Students**

Week 6 Friday (28 Aug 2020)

Results will be returned automatically at the completion of the test via Moodle

**Weighting**

40%

**Minimum mark or grade**

50%

**Assessment Criteria**

The test will open at 2pm on Thursday 27/8/2020 and will be available for 24 hours until 2pm Friday 28/8/2020. The online test will be available through the assessment block on the BIOH11005 Moodle page. This Online Test accounts for 40% of the total grade for the unit. This assessment has a minimum requirement of 50% to pass.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Submission will occur through Moodle upon completion or at the end of the time period

**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

## 2 End of Term Online Assessment

**Assessment Type**

Online Test

**Task Description**

An understanding of human anatomy and physiology is essential in 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 the online assessments will assess your understanding of these concepts and knowledge.

This Online Test accounts for 60% of your total grade and covers the content that you have studied in weeks 6-12. This assessment has a minimum requirement of 50% to pass (you must achieve at least 50% of the total mark to pass). You will have one (1) attempt allowed.

**Assessment Due Date**

**Return Date to Students**

**Weighting**

60%

**Minimum mark or grade**

50%

**Assessment Criteria**

The test will open at 2pm on the allocated day during the exam period and will be available for 24 hours until 2pm the following day. The test will be available through the assessment block on the BIOH11005 Moodle page. This Online Test accounts for 60% of the total grade for the unit. This assessment has a minimum requirement of 50% to pass.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Submission will occur through Moodle upon completion or at the end of the time period

**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



## 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