



# CHIR13010 Systems and Pathology

## Term 1 - 2021

Profile information current as at 28/04/2024 03:53 pm

All details in this unit profile for CHIR13010 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

This unit will build upon your conceptual understanding of the causes, mechanisms and consequences of disease and dysfunction of the cardiovascular, lymphatic, haematopoietic, reproductive, respiratory, endocrine, renal and digestive systems. You will critically evaluate the multifactorial symptoms of dysfunction in order to infer the likely causative pathophysiological condition. Importance will be placed on understanding that different pathologies frequently cause a suite of similar symptoms but can nevertheless be differentiated on the basis of the combination, intensity and development of those symptoms. This knowledge will be used in conjunction with the examination protocols and procedures taught in Clinical Assessment and Diagnosis 3, in order to formulate a differential diagnosis.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

Pre-requisites: BMSC11002 Human Body Systems 2 and MBIO12013 Microbiology for Health Care and BIOH12008 Human Pathophysiology or MPAT12001 Medical Pathophysiology

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 - 2021

- Online

#### 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: 15%

#### 2. **Written Assessment**

Weighting: 25%

#### 3. **In-class Test(s)**

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

Students appreciated the interesting and engaging style of the lecturer.

##### Recommendation

It is recommended that the lecturer continues to provide an interesting and engaging learning environment.

#### Feedback from Have Your Say

##### Feedback

Students found the content was clearly presented and delivered.

##### Recommendation

It is recommended that content always be presented and delivered in a clear manner.

#### Feedback from Have Your Say

##### Feedback

Some students felt that the assessment tasks should have been due earlier in the term so they could track their progress better.

##### Recommendation

It is recommended that the assessment task due dates be examined for the opportunity to move them earlier in the term.

## Unit Learning Outcomes

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

1. Compare the aetiology, epidemiology, pathogenesis and clinical manifestations of common diseases
2. Explain the pathophysiological basis of symptoms and signs of common diseases, using your knowledge of anatomy, physiology, biochemistry, microbiology and pathology
3. Analyse the combination, intensity and chronological development of a client's symptoms, to infer the most likely pathological cause
4. Explain the multifactorial nature of disease.

## 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 Quiz(zes) - 15%	•		•	
2 - Written Assessment - 25%	•	•		•
3 - In-class Test(s) - 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 Quiz(zes) - 15%	•	•		•						
2 - Written Assessment - 25%	•	•	•	•						
3 - In-class Test(s) - 60%	•	•		•						

## Textbooks and Resources

### Textbooks

**There are no required textbooks.**

### 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

**Bianca Zietsman** Unit Coordinator

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**Dawn Dane** Unit Coordinator

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## Schedule

### Week 1 - Welcome and Introduction - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to course Review of general pathology	1. Read Workbook pages 2-19 (Revision) 2. Complete all exercises in this section. 3. Attend tutorial, conducted via Zoom 4. Commence activities in workbook, pages 20-55	

### Week 2 - Disorders of the Cardiovascular System - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Cardiovascular System	1. Complete all activities in Workbook, pages 20-55. 2. Attend tutorial, conducted via Zoom 3. Commence activities in workbook pages 56-88	

### Week 3 - Disorders of the Lymphatic and Haematopoietic Systems - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Haematopoietic and Lymphatic Systems	1. Complete all activities in Workbook, pages 56-88. 2. Attend tutorial, conducted via Zoom 3. Commence activities in workbook, pages 89-124	

### Week 4 - Disorders of the Endocrine System - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Endocrine System	1. Complete all activities in Workbook, pages 89-124. 2. Attend tutorial, conducted via Zoom. 3. Commence activities in workbook pages 125-169	1. Complete week 4 quiz

### Week 5 - Dermatology - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Disorders of the Integumentary System	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook, pages 125-169</li> <li>2. Attend tutorial, conducted via Zoom.</li> <li>3. Commence activities in workbook pages 170- 199.</li> </ol>
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#### Vacation Week - 12 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - Disorders of the Digestive System - 19 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Digestive System 1	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook, pages 170-199.</li> <li>2. Attend tutorial, conducted via Zoom.</li> <li>3. Commence activities in workbook pages 200-221</li> </ol>	

#### Week 7 - Disorders of the Digestive System - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Digestive System 2	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook, pages 200-221.</li> <li>2. Attend tutorial, conducted via Zoom.</li> <li>3. Commence activities in workbook pages 222-257.</li> </ol>	

#### Week 8 - Disorders of the Respiratory System - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Respiratory System	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook, pages 222-257.</li> <li>2. Attend tutorial, conducted via Zoom</li> <li>3. Commence activities in workbook pages 258-292</li> </ol>	1. Complete week 8 quiz

#### Week 9 - Disorders of the Urinary and Male Reproductive System - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Urinary and Male Reproductive System	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook, pages 258-292.</li> <li>2. Attend tutorial, conducted via Zoom.</li> <li>3. Commence activities in workbook pages 293-311</li> </ol>	<b>Written Assessment</b> Due: Week 9 Friday (14 May 2021) 12:00 pm AEST

#### Week 10 - Disorders of the Female Reproductive System - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Female Reproductive System	<ol style="list-style-type: none"> <li>1. Complete all activities in Workbook pages 293-311.</li> <li>2. Attend tutorial, conducted via Zoom.</li> <li>3. Commence activities in workbook pages 312-341</li> </ol>	

#### Week 11 - Eye and Ear Disorders - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Disorders of the ear and eye	1. Complete all activities in Workbook pages 312-341. 2. Attend tutorial via zoom.	1. Complete week 11 quiz.  <b>Online quizzes</b> Due: Week 11 Friday (28 May 2021) 8:00 pm AEST
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#### Week 12 - Additional - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Revision	1. Attend tutorial via zoom 2. Commence revision exercises available on Moodle	

#### Review/Exam Week - 07 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
		<b>End of Term Test</b> Due: Review/Exam Week Wednesday (9 June 2021) 11:00 am AEST

#### Exam Week - 14 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Written Examination

## Assessment Tasks

### 1 Online quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

This assessment task will involve 3 quizzes with a weighting of 5% each. These will be delivered online, allowing you a 24 hour window to complete the quiz. Once you have opened the quiz, you will have 30 minutes to complete it. There will only be one attempt per quiz. The content of each quiz will be made up of content from weeks 1-4, weeks 5-8 and weeks 9-11 and split into 4 sections, each containing 5 multiple choice questions (20 questions in total). The quizzes will take place in week 4, 8, 11. The quiz will be open from 8pm Thursday- 8pm Friday

There will be no extension due to unforeseen technical problems or Internet connectivity, unless proof is supplied that there was a problem with Moodle. At which point you must contact the UC and tasac with screenshots of the error message. Results with feedback will become available to students, at the time of closure of each quiz.

#### Number of Quizzes

3

#### Frequency of Quizzes

Other

#### Assessment Due Date

Week 11 Friday (28 May 2021) 8:00 pm AEST

These quizzes must be completed by Friday at 8pm during the week they are due 4, 8 and 11.

#### Return Date to Students

Week 11 Friday (28 May 2021)

Via Moodle

#### Weighting

15%

#### Minimum mark or grade

50%

#### Assessment Criteria

The marking criteria will be included with a marking rubric on the categories that will be marked.

As the questions asked in each quiz will be objective in style (e.g. multiple choice), answers will be computer marked as either correct or incorrect.

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Compare the aetiology, epidemiology, pathogenesis and clinical manifestations of common diseases
- Analyse the combination, intensity and chronological development of a client's symptoms, to infer the most likely pathological cause

### Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

## 2 Written Assessment

### Assessment Type

Written Assessment

### Task Description

This assignment focuses on questions which are designed to demonstrate the understanding of pathophysiological processes. A written assignment that will be weighted at 25%.

It will contain 2 parts

Part A will contain short answers and definitions. There will be 10 questions with a weighting of 2 marks per question

Part B will contain longer answers and definitions. There will be 6 questions with a weighting of 5 marks per question.

### Assessment Due Date

Week 9 Friday (14 May 2021) 12:00 pm AEST

Via Moodle

### Return Date to Students

Week 11 Friday (28 May 2021)

via Moodle

### Weighting

25%

### Minimum mark or grade

50%

### Assessment Criteria

The marking criteria will assess your ability to:

- demonstrate understanding of pathophysiological processes
- communicate clearly in written form with proper spelling and grammar

A marking criteria/Rubric with the categories will be uploaded to Moodle.

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Compare the aetiology, epidemiology, pathogenesis and clinical manifestations of common diseases
- Explain the pathophysiological basis of symptoms and signs of common diseases, using your knowledge of anatomy, physiology, biochemistry, microbiology and pathology
- Explain the multifactorial nature of disease.

### Graduate Attributes

- Communication



- Problem Solving
- Critical Thinking
- Information Literacy

### 3 End of Term Test

#### Assessment Type

In-class Test(s)

#### Task Description

A 2 hour long examination, based in the computer lab. This test will assess all content delivered across weeks 1-12. It will be in the style of a moodle quiz involving a mix of short answer and multiple choice questions. It will be invigilated by a member of the chiropractic staff.

#### Assessment Due Date

Review/Exam Week Wednesday (9 June 2021) 11:00 am AEST

The test will take place in a computer lab starting at 9am and will finish at 11am.

#### Return Date to Students

Exam Week Friday (18 June 2021)

via Moodle

#### Weighting

60%

#### Minimum mark or grade

50%

#### Assessment Criteria

This is quiz will assess your comprehension and application of the content delivered across the 12 weeks of term. You will undertake the test in a computer lab and the multiple choice questions will be automatically marked by Moodle while the short answer questions will be marked by the UC. The assessment criteria will involve selecting or providing the correct answers and communicating your answers clearly in written form.

#### Referencing Style

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

#### Submission

Online

#### Learning Outcomes Assessed

- Explain the pathophysiological basis of symptoms and signs of common diseases, using your knowledge of anatomy, physiology, biochemistry, microbiology and pathology
- Analyse the combination, intensity and chronological development of a client's symptoms, to infer the most likely pathological cause
- Explain the multifactorial nature of disease.

#### Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

## 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