



CHIR13010 Systems and Pathology

Term 1 - 2018

Profile information current as at 06/05/2024 12:28 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 & MBIO12013 Microbiology for Health Care & 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 - 2018

- Brisbane
- Mackay
- Melbourne
- Sydney

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. **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 self-reflection

Feedback

Removing some content and placing it within the Master's program was an excellent decision, and made the workload more manageable.

Recommendation

I believe that this change is a positive one, and should be maintained. It made the unit more manageable.

Feedback from Have your say

Feedback

Workbook and moodle site well organised. Quizzes useful.

Recommendation

The layout of the workbook and of the moodle site used in 2017 will continue to be used in 2018. The students find that this format helps them to know exactly what is required of them, in terms of content and expectations. The quizzes are useful as they provide a strong external motivator to keep up with their work.

Feedback from Student comment in 'Have your say'.

Feedback

Needed to use 'google' to answer some questions in the assignment.

Recommendation

Students need to be educated regarding the expectation that they need to use appropriate resources and databases when completing an assignment. It will need to be stressed to students that using only unit notes and lecture information is insufficient.

Feedback from Student comments in 'Have your say'.

Feedback

Heavy content load - some students complain that there is too much information that they are expected to learn.

Recommendation

No change is necessary - it has already been reduced to an acceptable level. This unit has undergone considerable changes over the last couple of years with revising of the content. In order to maintain the appropriate academic rigor, the amount of content cannot be reduced any further.

Feedback from Self reflection

Feedback

Zoom tutorials work very well. It is a great system for tutorials.

Recommendation

The use of Zoom tutorials will be maintained.

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

 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) - 15%	•		•	
2 - Written Assessment - 25%	•	•		•
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 Quiz(zes) - 15%	•	•		•		•				
2 - Written Assessment - 25%	•	•	•	•		•				

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
3 - Examination - 60%	•	•		•						

Textbooks and Resources

Textbooks

There are no required textbooks.

Additional Textbook Information

If you purchased a text for Medical Pathophysiology, you may use that instead.

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

Robyn Beirman Unit Coordinator
r.beirman@cqu.edu.au

Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to course Review of general pathology	1. Read Workbook pages 2-16 (Revision) 2. Complete all exercises in this section. 3. Attend tutorial, conducted via Zoom 4. Commence activities in workbook, pages 17-46	

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Disorders of the Cardiovascular System	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 17-46. 2. Attend tutorial, conducted via Zoom 3. Complete on-line quiz 1 (on Disorders of the Cardiovascular System) 4. Commence activities in workbook pages 47-72, after you have completed the on-line quiz. 	Quiz 1 opens Wednesday 14th March 8am AEST.
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Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Haematopoietic and Lymphatic Systems	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 47-72. 2. Attend tutorial, conducted via Zoom 3. Complete Online quiz 2 (Disorders of the Haematopoietic and Lymphatic Systems) 4. Commence activities in workbook, pages 73-98, after you have completed the on-line quiz. 	<p>Quiz 1 closes Monday 19th March 6am AEST.</p> <p>Quiz 2 opens Wednesday 21st March at 8am AEST.</p>

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Endocrine System	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 73-98. 2. Attend tutorial, conducted via Zoom. 3. Complete Online quiz 3 (Disorders of the Endocrine System) 4. Commence activities in workbook pages 99-124, after you have completed the on-line quiz. 	<p>Quiz 2 closes Monday 26th March 6am AEST.</p> <p>Quiz 3 opens Wednesday 28th March at 8am AEST.</p>

Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Digestive system 1	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 99-124. 2. Attend tutorial, conducted via Zoom. 3. Complete Online quiz 4 (Disorders of the Digestive System 1) 4. Commence activities in workbook pages 124-139, after you have completed the online quiz. 	<p>Quiz 3 closes Monday 2nd April 6am AEST.</p> <p>Quiz 4 opens Wednesday 4th April at 8am AEST.</p>

Vacation Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 16 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Digestive System 2	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 124-139. 2. Attend tutorial, conducted via Zoom. 3. Complete Online quiz 5 (Disorders of the Digestive System 2) 4. Commence activities in workbook pages 140-165 after you have completed the on-line quiz. 	<p>Quiz 4 closes Monday 16th April at 6am AEST.</p> <p>Quiz 5 opens Wednesday 18th April at 8am AEST.</p>

Week 7 - 23 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Disorders of the Respiratory System	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 140-165. 2. Attend tutorial, conducted via Zoom. 3. Complete online quiz 6 (Disorders of the Respiratory System) 4. Commence activities in workbook pages 166-195. 	<p>Quiz 5 closes Monday 23rd April 6am AEST.</p> <p>Quiz 6 opens Wednesday 25th April at 8am AEST.</p>
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Week 8 - 30 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Urinary and Male Reproductive System	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 166-195. 2. Attend tutorial, conducted via Zoom 3. Complete Online quiz 7 (urinary and male reproductive system disorders) 4. Commence activities in workbook pages 196-211, after you have completed the on-line quiz. 	<p>Quiz 6 closes Monday 30th April 6am AEST.</p> <p>Quiz 7 opens Wednesday 2nd May at 8am AEST.</p> <p>Written Assessment Due: Week 8 Friday (4 May 2018) 5:00 pm AEST</p>

Week 9 - 07 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the Female Reproductive System	<ol style="list-style-type: none"> 1. Complete all activities in Workbook, pages 196-211. 2. Attend tutorial, conducted via Zoom. 3. Complete the on-line quiz 8 (Disorders of the Male Reproductive System) 4. Commence activities in workbook pages 212-239 after you have completed the quiz. 	<p>Quiz 7 closes Monday 7th May 6am AEST.</p> <p>Quiz 8 opens Wednesday 9th May at 8am AEST.</p>

Week 10 - 14 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Disorders of the ear and eye	<ol style="list-style-type: none"> 1. Complete all activities in Workbook pages 212-239. 2. Attend tutorial, conducted via Zoom. 	<p>Quiz 8 closes Monday 14th May at 6am AEST.</p>

Week 11 - 21 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Revision	<ol style="list-style-type: none"> 1. Attend tutorial via zoom. 2. Complete the online quiz 9. (Disorders of eye and ear) 	<p>Quiz 9 opens Wednesday 23rd May at 8am AEST.</p>

Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Revision	<ol style="list-style-type: none"> 1. Attend tutorial via zoom 2. Complete revision exercises available on Moodle. 	<p>Quiz 9 closes Friday 1st May, at 6am AEST.</p>

Review/Exam Week - 04 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 11 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Written examination

Term Specific Information

The convenor of this unit is Robyn Beirman. I can be contacted by email at r.beirman@cqu.edu.au, or by phone on 0407415795.

All lectures are pre-recorded.

The tutorial for this unit will be conducted via Zoom. This means you can join the class from anywhere as long as you have your computer/tablet/smart phone etc.

You will find details on how to connect to Zoom on the Moodle web page.

The meeting number for your tutorials is 3926507062.

Assessment Tasks

1 Quizzes

Assessment Type

Online Quiz(zes)

Task Description

Nine on-line quizzes will need to be completed between weeks 2-12. Details are provided under 'Schedule'. Each will be available for several days, generally between 08.00 Wednesday until 06.00 the following Monday. (some will have a longer availability). Each quiz will be based on a specific body system. There will be no extension due to unforeseen technical problems or Internet connectivity, so please do not leave it to the end of the availability period to complete. You will be allowed one attempt only for each quiz, which will need to be completed within a specified period of time. This will vary between 20 and 30 minutes, depending on the topic. Please check the instructions each week, to ensure you are familiar with your time constraints.

Number of Quizzes

9

Frequency of Quizzes

Other

Assessment Due Date

Weeks 3, 4, 5, 6, 7, 8, 9, 10 and 12

Return Date to Students

Results with feedback will become available to students, at the time of closure of each quiz.

Weighting

15%

Minimum mark or grade

50% overall

Assessment Criteria

As the questions asked in each quiz will be objective in style (eg multiple choice), answers will be computer marked as either correct or incorrect. Some questions will require you to demonstrate a knowledge of facts, while others will require you to use your interpretive or analytical skills.

Referencing Style

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

Submission

Online

Submission Instructions

Complete via quiz link located in the appropriate week.

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
- Information Technology Competence

2 Written Assessment

Assessment Type

Written Assessment

Task Description

This assignment focuses on disorders of the Integumentary System.

On Moodle, you will find a set of notes and exercises to help you with this task.

Step 1. Work through these notes and accompanying exercises. Do not submit your responses to these exercises.

Step 2. Once you have completed Step 1, you must answer a separate set of questions. There will be 5 questions found on the Moodle site under Assessment Information. This comprises your assignment and will need to be submitted electronically.

Assessment Due Date

Week 8 Friday (4 May 2018) 5:00 pm AEST

Return Date to Students

Week 10 Friday (18 May 2018)

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

The assignment is designed so you will be able to demonstrate:

1. Your understanding of the pathology of common dermatological conditions.
2. Your ability to analyse data, and thus deduce the most likely disease associated with that data.
3. The importance of dermatology in chiropractic practice.

Referencing Style

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

Submission

Online

Submission Instructions

Please submit via Assessment Block on CHIR13010 Moodle site

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
- Information Technology Competence

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

60%

Length

120 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