CHIR6510

Diagnostic Sciences

Session 2, Weekday attendance, North Ryde 2020

Department of Chiropractic

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Disclaimer

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Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and ot her small group learning activities on campus for the second half-year, while keeping an online ver sion available for those students unable to return or those who choose to continue their studies onli ne.

To check the availability of face-to-face and onlin e activities for your unit, please go to timetable vi ewer. To check detailed information on unit asses sments visit your unit's iLearn space or consult yo ur unit convenor.

General Information

Unit convenor and teaching staff Christopher Burrell christopher.burrell@mq.edu.au
Credit points 10
Prerequisites CHIR6302 or CHIR604
Corequisites CHIR6303 or CHIR605
Co-badged status
Unit description In this unit, students are introduced to the concept of clinical problem solving and differential diagnosis. It aims to provide students with the knowledge and skills to assess the health status of a patient. Using this information, possible problems that may exist for that patient can then be outlined. This unit focuses on diagnosis from a 'symptom' and 'sign' based approach, where students will analyse the information given, and hence formulate a differential diagnosis.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

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

ULO1: Describe the principles and purpose of the diagnostic process.

ULO3: Formulate differential diagnoses, based on history and examination findings.

ULO2: Explain the relationship between the clinical presentation of a patient, the underlying disease processes, and the diagnostic process.

ULO4: Demonstrate an understanding of the inter-professional nature of health care, the need for various investigations in the diagnosis of pathological conditions and the role of referral.

Assessment Tasks

Name	Weighting	Hurdle	Due
Mid-session exam	30%	No	During lecture time in Week 8
Online quizzes	20%	No	Weeks 4, 6, 8, 10 & 12
Final written exam	50%	No	University Exam Period

Mid-session exam

Assessment Type [1]: Examination
Indicative Time on Task [2]: 15 hours
Due: **During lecture time in Week 8**
Weighting: **30%**

The mid-session exam will consist of short-answer questions and will cover material up to the mid-session break.

On successful completion you will be able to:

- Describe the principles and purpose of the diagnostic process.
- Formulate differential diagnoses, based on history and examination findings.
- Explain the relationship between the clinical presentation of a patient, the underlying disease processes, and the diagnostic process.
- Demonstrate an understanding of the inter-professional nature of health care, the need for various investigations in the diagnosis of pathological conditions and the role of referral.

Online quizzes

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 10 hours
Due: **Weeks 4, 6, 8, 10 & 12**
Weighting: **20%**

5 online multiple-choice quizzes spread throughout the session. Each quiz is worth 4%.

On successful completion you will be able to:

- Describe the principles and purpose of the diagnostic process.
- Formulate differential diagnoses, based on history and examination findings.
- Explain the relationship between the clinical presentation of a patient, the underlying disease processes, and the diagnostic process.
- Demonstrate an understanding of the inter-professional nature of health care, the need for various investigations in the diagnosis of pathological conditions and the role of referral.

Final written exam

Assessment Type [1]: Examination
Indicative Time on Task [2]: 25 hours
Due: **University Exam Period**
Weighting: **50%**

This will cover the content of the entire semester. Questions will include Multiple choice questions and Short answer questions.

On successful completion you will be able to:

- Describe the principles and purpose of the diagnostic process.
- Formulate differential diagnoses, based on history and examination findings.
- Explain the relationship between the clinical presentation of a patient, the underlying disease processes, and the diagnostic process.
- Demonstrate an understanding of the inter-professional nature of health care, the need for various investigations in the diagnosis of pathological conditions and the role of referral.

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[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

1. A 2-hour lecture (See ilearn page for more details)

2. A 2-hour tutorial (See ilearn page for more details)

3. 4-5 hours per week self-instructional learning, set readings from the text and exercises on lecture topics

Required Texts and/or Materials

1. Unit workbook for CHIR6510 - available on iLearn unit page in PDF format.

Recommended:

Souza T. Differential Diagnosis and Management for the Chiropractor 4TH ed Jones and Bartlett

Beirman R & Engel R. *An A-Z of Symptoms and Signs* Palgrave Macmillan 2009 (out of print)

Required Technology Access

Unit web page: CHIR6510 iLearn site - https://ilearn.mq.edu.au/

You will be asked for a username and password. Your username is your student MQID. Your MQID and password have been mailed to you by the University. If you have lost them go to the student portal: http://students.mq.edu.au/home/

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(**Note:** The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/p

olicy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.