



# CHIR6303

## Medical Sciences B

Session 2, Weekday attendance, North Ryde 2021

*Department of Chiropractic*

### Contents

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<a href="#">General Information</a>	2
<a href="#">Learning Outcomes</a>	2
<a href="#">General Assessment Information</a>	3
<a href="#">Assessment Tasks</a>	4
<a href="#">Delivery and Resources</a>	7
<a href="#">Policies and Procedures</a>	8

#### **Disclaimer**

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#### **Session 2 Learning and Teaching Update**

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of [units with mandatory on-campus classes/teaching activities](#).

Visit the [MQ COVID-19 information page](#) for more detail.

## General Information

Unit convenor and teaching staff

Stephney Whillier

[stephney.whillier@mq.edu.au](mailto:stephney.whillier@mq.edu.au)

Credit points

10

Prerequisites

CHIR6302 or CHIR604

Corequisites

Co-badged status

Unit description

This is another unit in which students continue to explore the relationship between health and disease, from both the biological and psychosocial perspective. The pathologies studied in this unit are those of the musculoskeletal, nervous and integumentary systems, as well as those relating to the eye and the ear. Their causes, mechanisms and effects are explored. The links between these disease mechanisms and their clinical manifestations is highlighted. By the completion of this unit, students will have completed their study of the major diseases of the body, and how they manifest in the patient. This will ultimately deepen their understanding of the complex relationship between ourselves and our environment.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://students.mq.edu.au/important-dates>

## Learning Outcomes

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

**ULO1:** Name the pathologies that can occur in the nervous, musculoskeletal and integumentary systems, as well as those of the eye and ear.

**ULO2:** For each disorder, describe its aetiology, epidemiology, pathogenesis, pathophysiological mechanisms and clinical manifestations, and explain the relationship between each.

**ULO3:** Differentiate between diseases on the basis of aetiology, pathogenesis, epidemiology and clinical manifestations.

**ULO4:** Explain the multifactorial nature of the development of disease states.

**ULO5:** Apply knowledge of anatomy, physiology, biochemistry and basic pathology, to develop the likely mode of progression of the diseases studied in this unit.

**ULO6:** Justify the need for chiropractors to have a sound knowledge and understanding of the diseases studied in this unit.

## General Assessment Information

1. **Online Quizzes: Four (4) quizzes:** 10 minute quizzes to be completed online in WEEKS 5, 7, 11 and 13 that will test **lecture and tutorial** material.

The format will be 10 multiple choice questions. Each quiz will open on Monday at 8am and close on Sunday at 11pm of that week. There will be absolutely no opportunity to submit a quiz after the closing time as answers are released at that point. If you have technical difficulties, email your answers to your convenor and they will be manually marked. If you email these after the closing time, they will not be marked. The quizzes will have a time limit of 10 minutes, and there will be only one submission per student. The resultant mark will be an **AVERAGE of the 4 quiz marks (please note, NOT best x of 4)**.

**2. Mid-semester examination:** This will cover the content of the first half of the semester, and will include all work in the lectures and tutorials up to and including week 6. The exam is one and a half hours and consists of short-answer questions. The questions are on the theory covered thus far and the ability to connect that knowledge to real life situations (e.g., clinical presentations). The exam will be done online on Monday, 6 September, from 2 – 3:30pm, in the lecture timeslot. Note that a supplementary of this exam may not be in the same format and may be a viva.

**3. Medical Sciences B Essay:** 1500 word essay relating the material explored in this unit to the clinical practice of chiropractic. It is uploaded through Turnitin on iLearn by Monday, 11 October, 5pm.

**4. Final examination:** This will cover the lecture and tutorial content for the entire semester. It tests your knowledge of the theory, and the ability to connect that knowledge to real life situations (e.g., clinical presentations). It will consist of a 2 hour written exam with multiple choice questions, and case studies.

### Examinations

The Semester 1 University Examination period is from: 8-26 November, 2021

You are expected to present yourself for examination at the time and place designated in the University examination timetable. The timetable will be available in draft form approximately eight weeks before the commencement of the examinations and in final form approximately four weeks before the commencement of the examinations:

<http://www.timetables.mq.edu.au/exam>

The only exception to not sitting an examination at the designated time is because of

documented illness or unavoidable disruption. In these circumstances you may wish to consider applying for special consideration. The University's Special Consideration Policy can be found at: <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>. Information can also be found at <https://students.mq.edu.au/study/my-study-program/special-consideration>

Students with a pre-existing disability/health condition or prolonged adverse circumstances may be eligible for ongoing assistance and support. Such support is governed by other policies and may be sought and coordinated through [Campus Wellbeing and Support Services](#).

If a supplementary examination is granted as a result of special consideration, the examination will be scheduled after the conclusion of the official examination period.

If you receive [special consideration](#) for the final exam, a supplementary exam will be scheduled in the interval between the regular exam period and the start of the next session. By making a special consideration application for the final exam you are declaring yourself available for a resit during the supplementary examination period and will not be eligible for a second special consideration approval based on pre-existing commitments. Please ensure you are familiar with the [policy](#) prior to submitting an application. You can check the supplementary exam information page on FSE101 in iLearn ([bit.ly/FSESupp](http://bit.ly/FSESupp)) for dates, and approved applicants will receive an individual notification one week prior to the exam with the exact date and time of their supplementary examination.

**NOTE:** Supplementary exams may be in a different format to the exam set in the normal examination period.

You are advised that it is Macquarie University policy not to set early examinations for individuals or groups of students. You are expected to ensure that you are available until the end of the teaching semester that is the final day of the official examination period.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Online quizzes</a>	5%	No	weeks 5, 7, 11 and 13
<a href="#">Medical Science B Essay</a>	5%	No	week 10
<a href="#">Final examination</a>	60%	No	in examination period
<a href="#">Mid-term examination</a>	30%	No	week 7

### Online quizzes

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **weeks 5, 7, 11 and 13**

Weighting: **5%**

Quizzes will occur online throughout the semester. Each quiz will be of 10 minutes duration, and cover material that has been delivered in lectures and/or tutorials.

On successful completion you will be able to:

- Name the pathologies that can occur in the nervous, musculoskeletal and integumentary systems, as well as those of the eye and ear.
- For each disorder, describe its aetiology, epidemiology, pathogenesis, pathophysiological mechanisms and clinical manifestations, and explain the relationship between each.
- Differentiate between diseases on the basis of aetiology, pathogenesis, epidemiology and clinical manifestations.
- Explain the multifactorial nature of the development of disease states.
- Apply knowledge of anatomy, physiology, biochemistry and basic pathology, to develop the likely mode of progression of the diseases studied in this unit.

## Medical Science B Essay

Assessment Type <sup>1</sup>: Essay

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **week 10**

Weighting: **5%**

1500 word essay relating the material explored in this unit to the clinical practice of chiropractic.

On successful completion you will be able to:

- Justify the need for chiropractors to have a sound knowledge and understanding of the diseases studied in this unit.

## Final examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 25 hours

Due: **in examination period**

Weighting: **60%**

This will cover the content of the entire semester. Questions will include multiple choice and

## short answer questions

On successful completion you will be able to:

- Name the pathologies that can occur in the nervous, musculoskeletal and integumentary systems, as well as those of the eye and ear.
- For each disorder, describe its aetiology, epidemiology, pathogenesis, pathophysiological mechanisms and clinical manifestations, and explain the relationship between each.
- Differentiate between diseases on the basis of aetiology, pathogenesis, epidemiology and clinical manifestations.
- Explain the multifactorial nature of the development of disease states.
- Apply knowledge of anatomy, physiology, biochemistry and basic pathology, to develop the likely mode of progression of the diseases studied in this unit.

## Mid-term examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 15 hours

Due: **week 7**

Weighting: **30%**

This will cover the content of the first half of the semester. Questions will be in short answer format.

On successful completion you will be able to:

- Name the pathologies that can occur in the nervous, musculoskeletal and integumentary systems, as well as those of the eye and ear.
- For each disorder, describe its aetiology, epidemiology, pathogenesis, pathophysiological mechanisms and clinical manifestations, and explain the relationship between each.
- Differentiate between diseases on the basis of aetiology, pathogenesis, epidemiology and clinical manifestations.
- Explain the multifactorial nature of the development of disease states.
- Apply knowledge of anatomy, physiology, biochemistry and basic pathology, to develop the likely mode of progression of the diseases studied in this unit.

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<sup>1</sup> 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 [Learning Skills Unit](#) for academic skills support.

<sup>2</sup> 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

### Delivery mode

This unit is characterised by a moderate degree of flexibility. It incorporates a variety of learning tools and media. It will comprise:

	ACTIVITY	Total
<b>Lectures</b>	1 × 2 hour lectures per week online  Monday 2-4pm	2 hours per week, weeks 1-12
<b>Tutorials</b>	1 × 2 hours tutorial class per week, weeks 2 – 12  Monday 4-6pm (14 Eastern, 188), Tuesday 11-1pm (14 Eastern, 188), 3-5pm (11WW, 180), Wednesday 9-11am (online), Wednesday 2-4pm (IOCC, 208), 4-6pm (IOCC, 208), Thursday 2-4pm (online)  Note that you must attend just one tutorial a week	2 hours per week, weeks 2-12
<b>Other</b>	Revision, self-instructional learning, preparation for tutorials and readings from the manual/text	6 - 8 hours per week

Please note that the venues are subject to change until just before the start of the semester. So, for further details on class time and locations for this unit follow the link below:

[http://students.mq.edu.au/student\\_admin/timetables](http://students.mq.edu.au/student_admin/timetables)

### Unit Web Page

You can log in to [iLearn](#) System via the link listed below:

<https://ilearn.mq.edu.au/login/MQ/>

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>

All lecture materials will be posted on [ilearn](#), and there is also a link to ECHO360 for **audio** recordings of the lectures.

## Required and recommended resources

### Required:

1. *HLTH3303/CHIR6303 Tutorial Course Manual 2021*– This has been uploaded to iLearn. Please be sure to either download, print and bind the manual, or have an iPad or laptop to access the manual during the tutorial.
2. Craft JA *et al* (2018) *Understanding Pathophysiology ANZ*, 3<sup>rd</sup> Edition, Elsevier Australia.

### Recommended:

- McCance KL *et al* (2019) *Pathophysiology – The biologic basis of disease in adults and children*, 8<sup>th</sup> Edition, Elsevier Australia.

### A note about textbooks:

Textbooks for this unit can be purchased online from Booktopia <https://www.booktopia.com.au/coop>

The list of Macquarie University S1 2021 units and texts can be found on the [Booktopia website](#).

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). 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](#)

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

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of



Conduct: <https://students.mq.edu.au/admin/other-resources/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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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](http://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 Enquiry Service

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Equity 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.

## IT Help

For help with University computer systems and technology, visit [http://www.mq.edu.au/about\\_us/offices\\_and\\_units/information\\_technology/help/](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.