



HLTH2301

Principles in Health and Disease 1

Session 2, Special circumstances 2021

Department of Chiropractic

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Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

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

Unit Convener

Stephanie Marhoff-Beard

stephanie.marhoff-beard@mq.edu.au

Contact via 9850 6947

17 Wally's Walk room 354

By appointment

Credit points

10

Prerequisites

20cp from ANAT1001 or HLTH108 or BIOL1110 or BIOL115 or BIOL1210 or BIOL108

Corequisites

Co-badged status

Unit description

This unit provides the students with the opportunity to explore the relationship between health and disease, from both the biological and psychosocial perspective. The diversity of stressors influencing the human body and mind is explored, and the response of the body to them is discussed. This includes adaptations at both cellular and tissue levels of organisation, inflammation, the immune response, tissue death and neoplasia. The immunisation debate and other relevant public health issues are explored. The relationship between the brain, 'mind', immune and endocrine systems is also studied. By the conclusion of this unit, students will have an 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://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

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

ULO1: Demonstrate the appropriate use of terminology, within the disciplines of pathology and microbiology.

ULO2: Explain the multi-factorial nature of health and disease.

ULO3: Demonstrate a broad knowledge and understanding of medical microbiology and general pathological processes.

ULO4: Apply an understanding of the epidemiological aspects of disease, to issues such as immunisation, infection control and disease prevention.

Assessment Tasks

Name	Weighting	Hurdle	Due
Lab quizzes and test	25%	No	Weekly during practical weeks x3
Ongoing quizzes	25%	No	Weekly: weeks 2-12
Online final examination	50%	No	University Official Exam Period

Lab quizzes and test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 12 hours

Due: **Weekly during practical weeks x3**

Weighting: **25%**

Two online lab quizzes and one online lab procedures test

On successful completion you will be able to:

- Demonstrate the appropriate use of terminology, within the disciplines of pathology and microbiology.
- Explain the multi-factorial nature of health and disease.
- Demonstrate a broad knowledge and understanding of medical microbiology and general pathological processes.
- Apply an understanding of the epidemiological aspects of disease, to issues such as immunisation, infection control and disease prevention.

Ongoing quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 12 hours

Due: **Weekly: weeks 2-12**

Weighting: **25%**

11 short quizzes completed over the semester during online tutorial classes.

On successful completion you will be able to:

- Demonstrate the appropriate use of terminology, within the disciplines of pathology and microbiology.
- Explain the multi-factorial nature of health and disease.
- Demonstrate a broad knowledge and understanding of medical microbiology and general pathological processes.
- Apply an understanding of the epidemiological aspects of disease, to issues such as immunisation, infection control and disease prevention.

Online final examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 24 hours

Due: **University Official Exam Period**

Weighting: **50%**

End of semester written examination

On successful completion you will be able to:

- Demonstrate the appropriate use of terminology, within the disciplines of pathology and microbiology.
- Explain the multi-factorial nature of health and disease.
- Demonstrate a broad knowledge and understanding of medical microbiology and general pathological processes.
- Apply an understanding of the epidemiological aspects of disease, to issues such as immunisation, infection control and disease prevention.

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

This unit involves some essential on-campus learning activities which will be delivered in accordance with a COVID Safe plan. You will be expected to attend relevant on-campus activities unless the Public Health Order and/or University advice changes.

Delivery mode

1. Three hours of online lectures (2 hrs on Wed, 1 hr on Thu) per week, weeks 1-13.
2. One x 1.5 hour tutorial per week, weeks 2-12.
3. Three x 2 hour practicals per student, starting from week 2
4. Five to six hours per week self-instructional learning, readings from the text and exercises on lecture topics

Each student is required to attend only 3 practicals/ workshops on consecutive weeks. A student enrolled in the online Workshop cannot attend another Workshop without prior written approval (email) from the unit convenor.

Required texts

1. HLTH2301 Tutorial workbook (available on iLearn only; to be printed by students)
2. *Understanding Pathophysiology by Judy Craft, Christopher Gordon & Adriana Tiziani; Mosby 2 Ed. 2003

OR

K L McCance & S E Heuther. Pathophysiology. The Biological Basis for Disease in Adults and Children. Mosby 2001

1. A medical dictionary (This will be useful for all health science units)
1. D. Anderson et al. 2015. Nester's Microbiology a Human Perspective. 8th Edition. McGraw- Hill, USA
1. R. Goering et al. Mims' Medical Microbiology. Elsevier. 5 Ed. eBook ISBN:9780702050299

Policies and Procedures

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

Unit information based on version 2021.01R of the [Handbook](#)