



CHIR921

Topics in Chiropractic 1

S1 Day 2018

Dept of Chiropractic

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General Information

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Credit points

4

Prerequisites

CHIR918 and CHIR919

Corequisites

Co-badged status

Unit description

This unit, together with CHIR922, develops a student's ability to critique, evaluate and synthesise biomedical research. These skills are crucial for life-long learning and are essential in evidence-informed clinical practice. In this unit, students will work in groups to develop and execute a medium term research project to answer a specific research question/s.

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:

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a

clinically relevant area

3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.

4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

General Assessment Information

Returning of assessment tasks

The research protocol, abstract submission and progress report will be submitted through the University plagiarism detection software - *Turnitin*.

Extensions and Penalties

Students who are unable to submit an assessment or unable to meet a specific deadline should submit a 'Disruption to Studies' form. For information on this process please visit the link below:

http://www.students.mq.edu.au/student_admin/manage_your_study_program/disruption_to_studies/

If you apply for Disruption to Study for your final examination, you must make yourself available for the week of July 24 – 28, 2017. If you are not available at that time, there is no guarantee an additional examination time will be offered. Specific examination dates and times will be determined at a later date.

All student assessments should be submitted by 11:59pm on the date specified for submission. A penalty of 10% per business day will be subtracted for late submissions.

Grades

Achievement of

grades will be based on the following criteria:

High Distinction: provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application.

Distinction: provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.

Credit: provides evidence of learning that goes beyond replication of content knowledge or skills

relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; plus communication of ideas fluently and clearly in terms of the conventions of the discipline.

Pass: provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; and communication of information and ideas adequately in terms of the conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes.

Fail: does not provide evidence of attainment of all learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; and incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline. In addition, a fail grade will be awarded in the event of inadequate tutorial attendance by the candidate, reflecting failure to complete the unit satisfactorily.

Sometimes it helps to 'translate' these descriptions into numbers. So, what we expect from you in this unit, in order for you to attain a specific grade, is outlined below:

Grade	Percentile Range
Fail	<50%
Pass	50 – 64%
Credit	65 - 74%
Distinction	75 - 84%
High Distinction	85 - 100%

Student Support Services

Macquarie University provides a range of Academic Student Support Services. Details of these services can be accessed at <http://www.student.mq.edu.au>

Policies

Macquarie is developing a number of policies in the area of learning and teaching. Approved policies and associated guidelines and procedures can be found at Policy Central: <http://www.mq.edu.au/policy/>

There you will find the University's policy and associated procedures on:

- Assessment
- Feedback and unit evaluation

- Special Consideration
- Appeal Against Final Grade Policy / Procedures / Guidelines
- Plagiarism

In this unit you will receive a range of verbal and written feedback on your assessment tasks and work in class or online.

To monitor how successful we are in providing quality teaching and learning, the Department of Chiropractic also seeks feedback from you. One of the key formal ways students have to provide feedback is through unit and teacher evaluation surveys. The feedback is anonymous and provides the Department with evidence of aspects that students are satisfied with and areas for improvement. At present, the Department is prioritising feedback in the areas of assessment and feedback.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Research Protocol</u>	20%	No	Week 6
<u>research presentations</u>	30%	No	weeks 9 & 10
<u>in-class exam</u>	20%	No	week 12 (in class)
<u>Research EOS Report</u>	30%	Yes	Week 13

Research Protocol

Due: **Week 6**

Weighting: **20%**

Research protocol for a medium term, capstone research project (2000 words) [Non-Invigilated]

On successful completion you will be able to:

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

research presentations

Due: **weeks 9 & 10**

Weighting: **30%**

Student groups will give a group presentation of the protocol and some initial results (20 min presentation)

On successful completion you will be able to:

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

in-class exam

Due: **week 12 (in class)**

Weighting: **20%**

An in-class examination will be held during week 12, which will test students ability to critique key chiropractic research papers, and their knowledge on research methodology

On successful completion you will be able to:

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research

Research EOS Report

Due: **Week 13**

Weighting: **30%**

This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)

A formal end of semester (EOS) report/paper will be submitted for the project (**approx 2000 words**). Students will state which papers each group member reviewed, as well as individual results

On successful completion you will be able to:

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas

requiring further research

- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

Delivery and Resources

There are no lectures in this subject.

Students will be provided a 2 hour scaffolded research workshop session in weeks 1-12. In these sessions, tutors with expertise in research methodology and/or biostatistics will provide guidance on the design and execution of a medium term, capstone research project. Students are required to spend 8-10 hours per week working on their projects. Students will also be required to meet regularly with their research supervisor.

Workshops:

1 × 2 hour workshop per week (Weeks 1-12)

Workshop times:

Monday 11am - 1pm (E5A 130)

Wednesday 11am - 1pm (W5C 320)

Friday 12-2pm (W5A 101)

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](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.)

Undergraduate students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/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](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-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 shown in *iLearn*, 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.

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 improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

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

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.

Graduate Capabilities

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

Learning outcomes

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

Assessment tasks

- Research Protocol
- in-class exam
- Research EOS Report

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.

Assessment tasks

- Research Protocol
- research presentations
- Research EOS Report

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcomes

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a clinically relevant area
- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.

Assessment tasks

- Research Protocol
- research presentations
- in-class exam
- Research EOS Report

PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Learning outcomes

- 1) Critically appraise the literature on a specific clinically relevant topic and identify areas requiring further research
- 2) Design a primary or secondary research project to create new knowledge in a

clinically relevant area

- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

Assessment tasks

- Research Protocol
- research presentations
- in-class exam
- Research EOS Report

PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcomes

- 3) Write up a research protocol for a medium term, capstone research project designed to answer a specific research question/s.
- 4) Organise and manage a medium term, capstone research project designed to answer a specific research question/s.

Assessment tasks

- Research Protocol
- Research EOS Report