



CHIR922

Topics in Chiropractic 2

S2 Day 2014

Chiropractic

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General Information

Unit convenor and teaching staff

Unit Convenor

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C5C 342

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Credit points

4

Prerequisites

CHIR921

Corequisites

Co-badged status

Unit description

This unit facilitates the development of skills which are fundamental to both the establishment and successful running of a chiropractic practice. It includes studies in sports injuries, nutrition, pharmacology, OHS studies, and completing a research project. The unit comprises:

1. A number of lecture sessions covering topics such as OHS law and legislation, injuries and the role of a primary care practitioner.
2. A substantial research project including critical evaluation of clinical literature.
3. The application of basic concepts in nutrition and pharmacology to chiropractic practice.

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:

Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations

Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.

Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action

Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use

Use current research to critically evaluate present nutritional issues and trends.

General Assessment Information

Attendance Requirements

A minimum of 80% attendance at tutorial classes is required in order to successfully complete this unit.

You must attend the class in which you enrolled. You must not exchange their class time. In special circumstances, you may apply for requests regarding changes. These requests are to be submitted to the unit convenor.

Examinations

The University Examination period for second Half Year 2013 in November 2013

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. Information about unavoidable disruption and the special consideration process is available at <http://www.reg.mq.edu.au/Forms/APSCon.pdf>

If a Supplementary Examination is granted as a result of the Special Consideration process the examination will be scheduled after the conclusion of the official examination period. (Individual Divisions may wish to signal when the Division's Supplementary exams are normally scheduled.)

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.

Returning Assessment Task

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1. Presentations will be marked in class and feedback given.
2. The final report and final theory examination: Papers will not be returned. Marks will be incorporated into the final unit grade.

Extensions and penalties

Extensions to assignments are at the discretion of the unit convenor. It is your responsibility to prove to the convenor that there has been unavoidable disruption. Marks will be deducted for late submissions in the absence of an approved extension.

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:

NOTE: students must pass the final exam and the unit overall.

Grade	Percentage
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	Due
<u>theory exam</u>	50%	exam period
<u>research projects</u>	50%	ongoing

theory exam

Due: **exam period**

Weighting: **50%**

final theory examination of OHS, nutrition and pharmacology

On successful completion you will be able to:

- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use
- Use current research to critically evaluate present nutritional issues and trends.

research projects

Due: **ongoing**

Weighting: **50%**

There are 2 parts within the project, and submission dates will depend on the topic chosen. Students will give a presentation on their research activities from 1st semester. Also, students from literature review section will complete an in-class assessment of key chiropractic research. More details will be available on ilearn, and will be discussed at the first lecture.

On successful completion you will be able to:

- Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.

Delivery and Resources

This unit will comprise:

	Topic 1 Research Methods	Topic 2 Nutrition	Topic 3 OHS	Topic 4 Pharmacology	Total
Lectures	1 × 2 hour lectures in weeks 1 to 12	1 × 1 hour lectures per week, weeks 1 – 12	1 × 2 hour lectures in weeks 9 – 12	1 × 1 hour lectures per week, weeks 1 – 12	4 hours per week, weeks 1-12
Class times & locations	Monday, 8-10am, E7B T5	Thursday, 10-11am, C5C Forum	Monday, 8-10am, E7B T5	Friday, 8-9am, E7B T5 (exception to this in weeks 1)	
Other	1-2 hours per week with supervisor and 1-2 hours a week in research project development.				1-4 hours per week

Further details on class time and locations for this unit can be found at: <http://timetable.ofm.mq.edu.au/SWSodd/showtimetable.aspx>

Unit Schedule

to be updated in week 1

Learning and Teaching Activities

lectures

lectures from staff and invited guests

tutorials

discussion of research papers and relevance in tutorial/project groups

private reading

review of research published on specified topics

writing scientific papers

completion of a paper which may be suitable for publication

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.html

Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of 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/support/student_conduct/

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://informatics.mq.edu.au/help/>.

When using the University's IT, you must adhere to the [Acceptable Use Policy](#). The policy applies to all who connect to the MQ network including students.

Graduate Capabilities

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

- Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use
- Use current research to critically evaluate present nutritional issues and trends.

Assessment tasks

- theory exam
- research projects

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

- Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use
- Use current research to critically evaluate present nutritional issues and trends.

Assessment task

- research projects

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

- Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.

Assessment task

- research projects

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

- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use

Assessment task

- research projects

PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

Learning outcomes

- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use

Assessment tasks

- theory exam
- research projects

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

- Apply a knowledge of research design to analyse, interpret and critique journal articles, including ethical considerations
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.

- Demonstrate an understanding of the ethical and safety issues related to drug usage with their pharmacodynamics, pharmacokinetics and mechanisms of action
- Explain the significance of toxicity, adverse reactions, contraindications and side effects as it relates to drug use
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Assessment tasks

- theory exam
- research projects

Changes since First Published

Date	Description
28/02/2014	The Description was updated.