



CHIR921

Topics in Chiropractic 1

S1 Day 2014

Chiropractic

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General Information

Unit convenor and teaching staff

Unit Convenor

Peter Tuchin

peter.tuchin@mq.edu.au

Contact via peter.tuchin@mq.edu.au

Credit points

4

Prerequisites

CHIR918 and CHIR919

Corequisites

Co-badged status

no cobadged unit

Unit description

This unit includes studies in nutrition, pharmacology, developing research methodology and conducting research, plus professional studies. It facilitates the development of skills which are fundamental to both the establishment and successful running of a chiropractic practice.

The unit comprises:

1. Lecture sessions covering professional topics such as medical ethics, law and jurisprudence, business and communication skills.
2. A substantial research project including critical evaluation of clinical literature.
3. An understanding of fundamental concepts in the fields of nutrition and pharmacology.

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:

Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.

Know the principles of establishing and managing a chiropractic practice through small business management

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

Name	Weighting	Due
theory exam	40%	exam period
research projects	50%	ongoing
professional studies	10%	week 12

theory exam

Due: **exam period**

Weighting: **40%**

final theory examination of nutrition and pharmacology

On successful completion you will be able to:

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
- 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. 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.

professional studies

Due: **week 12**

Weighting: **10%**

written assignment based on aspects of professional practice

On successful completion you will be able to:

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
- Know the principles of establishing and managing a chiropractic practice through small business management

Delivery and Resources

This unit will comprise:

	Topic 1	Topic 2	Topic 3	Topic 4	Total
	Research Methods	Nutrition	Professional Studies	Pharmacology	
Lectures	1 × 2 hour lectures in weeks 1 to 3 and week 12.	1 × 1 hour lectures per week, weeks 1 – 12	1 x 2 hour lectures in weeks 4 – 11	1 × 1 hour lectures per week, weeks 1 – 12	4 hours per week, weeks 1-12
Class times & locations	Monday,8-10am, E7B T2	Thursday,10-11am, E7B T2 (exception to this in weeks 1 and 4 – see timetable)	Monday, 8-10am, E7B T2 (exception to this week 4 – see timetable)	Friday,8-9am, E7B T2 (exception to this in weeks 1 and 4 – see timetable)	

Other	1-2 hours per week with supervisor and 1-2 hours a week in research project development.				1-4 hours per week
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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

Wk	Start Date	Lecture (Monday, 8-10am) Venue: E7B T2	Lecture (Thursday, 10-11 am) Venue: E7B T4
1	3 Mar	Introduction to the course (PT)	Nutrition: Energy and Metabolism (SW)
2	10 Mar	Developing a research project or systematic review (PT)	Nutrition: What should dietary intake be based on? (SW)
3	17 Mar	Research Project: Developing a protocol for clinical research projects and systematic reviews (PT)	Nutrition: What should dietary intake be based on? (SW)
4	24 Mar	Reviewing types of research (PT)	
5	31 Mar	Professional studies: Realistic Business Expectations for the New Graduate	Nutrition: What should dietary intake be based on? (SW)
6	7 April	Professional studies: Professional Ethics and Ethical Issues in Chiropractic. (CB)	Nutrition: Macronutrients (SW)
	14-25 April	Midsemester break	
7	28 April	Professional studies: Interprofessional Communications. (CB)	Nutrition: Macronutrients (SW)
8	5 May	Professional studies: Practice Management and Practice Promotion. (CB)	Nutrition: Macronutrients (SW)

9	12 May	Professional studies: Medicolegal Issues and Record Keeping (JZ)	Nutrition: Macronutrients (SW)
10	19 May	Professional studies: What is Law? And Legal Frameworks. (JZ)	Nutrition: Micronutrients (SW)
11	26 May	Professional studies: The Law of Torts and Contracts and Contract Law. (JZ)	Nutrition: Micronutrients (SW)
12	2 June	Professional studies: Conflict Resolution, Legal Entities & Business Structures and Financial & Business Planning. (JZ)	Nutrition: Micronutrients (SW)
13	9 June	Professional studies: Going to Court and Chiropractic Malpractice Case Studies. (CB)	Revision and Exam Preparation (SW)

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/p

[olicy.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

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
- Know the principles of establishing and managing a chiropractic practice through small business management
- 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
- professional studies

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

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
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- 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

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
- Know the principles of establishing and managing a chiropractic practice through small business management
- 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

- research projects
- professional studies

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

- Know the principles of establishing and managing a chiropractic practice through small business management
- 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
- professional studies

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

- Critically analyse ethical and legal issues, Chiropractic code of practice and compromising situations.
- Know the principles of establishing and managing a chiropractic practice through small business management
- 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.
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Assessment tasks

- theory exam
- research projects
- professional studies