

CMPL 7012 EVIDENCE BASED PRACTICE IN CHINESE MEDICINE

Credit Points 10

Legacy Code 401129

Coordinator Isabella Leung ([https://directory.westernsydney.edu.au/search/name/Isabella Leung/](https://directory.westernsydney.edu.au/search/name/Isabella%20Leung/))

Description This subject will introduce and develop the concepts and principles of evidence-based practice as applied to Traditional Chinese Medicine (TCM) and explore specific aspects of research development. Furthermore, this subject will focus on the clinical applications of such research-based evidence and highlight integrative methods combining TCM and biomedical diagnostics and disease management. Students will gain an understanding of the complexities, practicality, and applied methodologies used in research to establish the validity and reliability of TCM theories, diagnostics and interventional techniques in addition to the appropriateness of various outcome measures for research and clinical practice. This subject will provide students with a practical skillset designed to facilitate location, evaluation, integration, and application of scientific research evidence in clinical practice whilst also preparing students for development of research proposals in subsequent subjects such as Research Protocol Design & Practice.

School Health Sciences

Discipline Traditional Chinese Medicine

Student Contribution Band HECS Band 2 10cp

Level Postgraduate Coursework Level 7 subject

Incompatible Subjects CMPL 7013 - Evidence Based Practice in Chinese Medicine 1 CMPL 7014 - Evidence Based Practice in Chinese Medicine 2

Restrictions

Students must be enrolled in 4716 - Master of Chinese Medicine, 4675 - Master of Health Science (Traditional Chinese Medicine) or 4678 - Master of Health Science (Acupuncture)

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Integrate knowledge from both biomedicine and TCM in the diagnosis and treatment of different diseases.
2. Describe the attempts and uses of modern technology and scientific research methods to establish the validity and/or reliability of TCM theory, diagnosis and treatments.
3. Identify research designs and data analysis techniques that can be used in TCM research.
4. Analyse the complexities associated with the application of scientific research methods to TCM.
5. Identify and select outcome measures that can be used in TCM research and clinical practice.
6. Outline a research proposal that is suitable for submission for university ethics approval committee.
7. Outline key issues in developing an evidence base for TCM.
8. Identify key issues in applying TCM evidence to clinical practice.

Subject Content

1. The historical and contemporary evidence bases of TCM and their influence on TCM practice.
2. Integration of biomedicine (including diagnostics and disease management) and TCM.
3. Epidemiological research methods applied to TCM.
4. Quantitative and qualitative research methods in TCM research.
 - Overview of Critical Appraisal.
 - Overview of Basic biostatistics
 - application in TCM clinical practice.
5. Relevant computer skills.
 - database searching.
 - Compiling literature database.
6. Integrating and prioritising clinical information in TCM.
7. Progression and current state of TCM Research.
 - Theory.
 - diagnostic techniques.
 - experimental/laboratory.
 - clinical intervention.
8. Outcome measures for use in TCM research and clinical practice.
9. Future directions of TCM research.
 - emergence of new paradigms in relation to TCM research
 - Developments in TCM research methodology and techniques
 - integration of technological advancements into TCM research
10. Guidelines for preparation of a research proposal adequate for ethics submission.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

| Type | Length | Percent | Threshold | Individual/Group Task |
|-------------------|-----------------------------------|---------|-----------|-----------------------|
| Literature Review | 2,500 words | 40% | N | Individual |
| Proposal | 2,500 words | 40% | N | Individual |
| Quiz | Ongoing from week 2 up to week 13 | 10% | N | Individual |
| Presentation | | 10% | N | Individual |

Teaching Periods

Autumn (2022)

Campbelltown

Day

Subject Contact Isabella Leung ([https://directory.westernsydney.edu.au/search/name/Isabella Leung/](https://directory.westernsydney.edu.au/search/name/Isabella%20Leung/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=CMPL7012_22-AUT_CA_D#subjects)

Autumn (2023)

Campbelltown

On-site

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=CMPL7012_23-AUT_CA_1#subjects)