



SUBJECT OUTLINE

Subject Name:

Nutritional Medicine Clinical Practicum 1

Subject Code:

NMDC314

SECTION 1 – GENERAL INFORMATION

Award/s:	Total Course Credit Points:	Level:
Bachelor of Health Science (Nutritional and Dietetic Medicine)	96	3 rd Year
Duration:	1 Semester	
Subject Administrator: Joanne Andrews (Brisbane Campus)		
Subject is:	Subject Credit Points:	6
Core		

Student Workload:

No. timetabled hours per week: 11	No. personal study hours per week: 6	Total hours per week: 17
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Delivery Mode*:

On campus **Online / Digital** **Blended** **Intensive**

Weekly Session Format/s - 3 sessions per week over 12 weeks:

- Clinic block: 2 x 4 hour sessions per week, includes 30 minutes per session of set up / pack down time
- Clinic workshops: 1 x 3 hour workshop per week

*All modes are supported by the online learning management system which will include subject documents such as handouts, readings and assessment guides.

Study Pattern: Full Time Part Time

Pre-requisites: BIOE221, NMDC221, BIOS222, HMCL222, HMCL223

Co-requisites: SOCI221

Special Resource Requirements:

- Flat soled, closed toe leather footwear or approved equivalent
- Completion of a clinical practicum subject within the previous 9 months, or passing of safe practices entrance examination (minimum of three clients as per the [Clinic Client Recruitment Policy](#) to demonstrate the student's self and clinic promotion skills)
- HLTAID003 Provide first aid or HLTAID011 Provide First Aid (VET unit of competency)
- LMS-based clinic induction and quiz
- Professional Dress Standards* as described by the [Endeavour Clinic Handbook](#)
- [Endeavour Clinic Handbook](#)



WWCC (or its equivalent) for the location in which subject is undertaken as per [Working with Children Check Policy](#)

Clinical equipment kit including:

- Endeavour clinic black tunic
- Measuring tape
- Otoscope
- Penlight
- Percussion reflex hammer
- Sphygmomanometer
- Stethoscope
- Thermometer
- Timing device (with second-hand)

SECTION 2 – ACADEMIC DETAILS

Subject Rationale

Clinical students practise nutritional medicine under the supervision of qualified practitioners in the Endeavour Teaching Clinics, by taking a secondary role and a lead in client assessment and care in partnership with a senior practicing student. Practical application of holistic medicine clinical skills such as history-taking, education of the client about nutritional medicine and the general course of treatment, holistic medicine assessment techniques, pathology testing and conventional physical examination techniques, guide the student in actively participating in the development of an individual treatment plan. Background research on each client's condition and evidence-informed treatment options is conducted by the student between client visits. Clinical students apply holistic medicine theory and principles in case management with diverse clients and the range of acute and chronic conditions that present in our clinics.

Learning Outcomes

1. Integrate the application of holistic medicine philosophy, principles, ethical and professional values, knowledge and skills to the assessment and management of clients in a clinical setting.
2. Critically evaluate and reflect on diagnostic and treatment options based on totality of professional education thus far, along with review of relevant research, clinical experience, cultural considerations and client preferences to contribute to the construction of a suitable and effective evidence-based treatment plan.
3. Display appropriate professionalism while maintaining a therapeutic relationship with the client when faced with ethical or boundary issues in clinical practice.
4. Observe and contribute as a practitioner in nutritional medicine consultations to assist in analysing clinical data essential to formulating and recommending appropriate client management options.
5. Develop high level communication skills to present well considered and integrated evidence-based clinical knowledge.
6. Model professionalism and entrepreneurial attributes in business and professional practice; including Work Health and Safety (WHS) standards, office reception, clinical procedures, dispensing and marketing.



Assessment Tasks

Type	Learning Outcomes Assessed	Session Content Delivered	Due	Weighting
Attendance and Activity Logs (100% attendance required)	N/A	N/A	Weeks 1-12	Pass/Fail
Interim Performance Review	1-6	1-5	Week 6	40%
Final Performance Review	1-6	6-12	Week 12	60%
Completed Attendance and Activity Logs are due each week at 11:55 p.m. Sunday and submitted through the LMS.				
The overall passing mark for this subject is 50%				

Prescribed Readings:

1. Raymond, J.L., & Morrow, K. (2021). *Krause and Mahans food and the nutrition care process* (15th ed.). Elsevier.

Recommended Readings:

1. Braun, L., & Cohen, M. (2014). *Herbs and natural supplements, an evidence-based guide* (4th ed., Vol. I – II). Churchill Livingstone Elsevier. [ebook available]
2. Braun, L., & Cohen, M. (2017). *Essential herbs and natural supplements*. Churchill Livingstone Elsevier.
3. Bryant, B., & Knights, K. (2019). *Pharmacology for health professionals* (5th ed.). Mosby Elsevier. [ebook available]
4. Camfield, D., McIntyre, E., & Sarris, J. (2016). *Evidence-based herbal and nutritional treatments for anxiety in psychiatric disorders*. Springer. [ebook available]
5. Croxford, S., Itsiopoulos, C., Forsyth, A., Belski, R., Thodis, A., Shepherd, S., & Tierney, A. (2015). *Food and nutrition throughout life*. Allen & Unwin.
6. Gropper, S. S., & Smith, J. L. (2021). *Advanced nutrition and human metabolism* (8th ed.). Wadsworth Cengage Learning. [ebook available]
7. Hechtman, L. (2019). *Clinical Naturopathic Medicine* (2nd ed.). Elsevier
8. Hoffman, T., Bennett, S., & Del Mar, C. (2017). *Evidence-based practice across health professions* (3rd ed.). Elsevier.



9. Nelson, D. L. & Cox, M. M. (2016). *Lehninger principles of biochemistry* (7th ed., international ed.). W.H. Freeman.
10. Sarris, J., & Wardle, J. (Eds.). (2014). *Clinical naturopathy: An evidence-based guide to practice* (2nd ed.). Churchill Livingstone Elsevier. [ebook available]
11. Stargrove, M., Treasure, J., & McKee, D. (2008). *Herb, nutrient and drug interactions*. Mosby Elsevier.
12. The Royal College of Pathologist of Australasia. (n.d.). *RCPA manual*. <http://rcpamanual.edu.au/>
13. Watson, R. R. (2009). *Complementary and alternative therapies in the ageing population: An evidence-based approach*. Academic Press.
14. Whitney, E., Rolfes, S. R., Crowe, T., Cameron-Smith, D., & Walsh, A. (2016). *Understanding nutrition* (Australia and New Zealand ed., 3rd ed.). Cengage Learning.

Subject Content

Week	Clinical Practicum	Clinical Workshop
1-12.	<p>Clinic practicum goes from Week 1 to Week 12.</p> <p>During this Clinical Practicum, students will practice under supervision either singly or in pairs:</p> <ul style="list-style-type: none"> ➤ Conducting clinical consultations and observations ➤ Good practitioner-client communication ➤ Give short, oral presentations to supervisor and student peers in relation to client management and professional practice ➤ Case taking ➤ Clinical examination skills ➤ Interpretation of biomedical and functional test results ➤ Differential diagnosis ➤ Developing individualised treatment plans ➤ Appropriate referral ➤ Presentation to supervisor and obtaining approval for treatment plan ➤ Dispensing and reception duties ➤ Observing all clinic policy and procedure ➤ Participating in debriefing sessions at the conclusion of each clinical practicum to identify any important issues 	<p>In these workshops, discussion focuses on integrated, evidence-informed nutritional medicine strategies for the prevention and treatment of common conditions frequently seen in practice. Students can bring de-identified cases from the Teaching Clinic for discussion and analysis, and cases are also provided.</p> <p>Weekly topics include the following:</p> <ul style="list-style-type: none"> ➤ Gastrointestinal conditions ➤ Arthritis and musculoskeletal conditions ➤ Nervous system conditions ➤ Women's health and menopause ➤ Men's health and andropause ➤ Ageing ➤ Endocrine conditions ➤ Metabolic Syndrome ➤ Autoimmune conditions ➤ Integumentary conditions ➤ Urinary conditions ➤ Weight management ➤ Multiple system conditions