

SUBJECT OUTLINE



Subject Name:

Nutritional Medicine Clinical Practicum 1

Subject Code:

NMDC313

SECTION 1 - GENERAL INFORMATION

Award/s:	Bachelor of Health Science (Nutritional and Dietetic Medicine)	Total Course Credit Points: 96	Level: 3 rd Year
Duration:	1 Semester		
Subject Coordinator:	Gabrielle Covino (Melbourne campus)		
Subject is:	Core	Subject Credit Points: 6	

Student Workload:

No. timetabled hours per week: 9	No. personal study hours per week: 6	Total hours per week: 15
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Delivery Mode:

Face to Face 3 x 3 hours clinical practicum
(On campus)

Intensive Delivery Contact hours are delivered over 6 weeks with 3 x 6.5 hour days delivered per week
(Summer School) Content: Clinical practicum

Assessment: Attendance - Weeks 1-6; Condition Product Comparison - Week 3; Mid-semester Reflective Review Presentations - Week 3; Case Study - Week 4; Final Reflective Review Presentations - Week 6

Full Time

Part Time

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

Co-requisites: SOCI221

Special Resource Requirements:

HLTAID003 Provide first aid (VET unit of competency)

Mandatory LMS-based clinic induction and quiz

Minimum of three clients as per the [Clinic Client Recruitment Policy](#) to demonstrate the students' self and clinic promotion

Professional Dress Standards as described by [Endeavour Clinic Student Handbook](#)

[Endeavour Clinic Student Handbook](#)

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

Kit items include:

- Endeavour black tunic
- Measuring tape
- Otoscope
- Penlight
- Percussion reflex hammer
- Sphygmomanometer
- Stethoscope
- Thermometer
- Timing device

SECTION 2 – ACADEMIC DETAILS

Subject Rationale

Clinical students practise nutritional and dietetic medicine under the supervision of qualified practitioners in the Endeavour Teaching Clinics, by taking a secondary role in client assessment and care in partnership with a senior, primary 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 (100% required)	N/A	N/A	Sessions 1-39	Pass/Fail
Condition Product Comparison (1000 words)	1-2, 5	1-18	Week 5	20%
Mid-semester Reflective Review Presentations (5 minutes)	1-6	1-18	Sessions 19-24 (as rostered)	25%
Case Study (1200 words)	1-2, 4-5	1-24	Week 8	30%
Final Reflective Review Presentations (5 minutes)	1-6	19-39 (as per clinical timetable)	Sessions 25-39	25%

All written assessments and online quizzes are due at 11:55 p.m. and submitted through the LMS

The overall passing mark for this subject is 50%

Prescribed Readings:

1. Mahan, L. K., & Raymond, J. L. (Eds.) (2016). *Krause's food & the nutrition care process* (14th ed.). St. Louis, MO: Elsevier.

Recommended Readings:

1. Braun, L., & Cohen, M. (2014). *Herbs and natural supplements, an evidence-based guide* (4th ed., Vol. I – II). Sydney, NSW: Churchill Livingstone Elsevier. [ebook available]
2. Braun, L., & Cohen, M. (2017). *Essential herbs and natural supplements*. Sydney, NSW: Churchill Livingstone Elsevier.
3. Bryant, B., & Knights, K. (2019). *Pharmacology for health professionals* (5th ed.). Chatswood, NSW: Mosby Elsevier. [ebook available]
4. Camfield, D., McIntyre, E., & Sarris, J. (2016). *Evidence-based herbal and nutritional treatments for anxiety in psychiatric disorders*. Switzerland: Springer. [ebook available]
5. Croxford, S., Itsiopoulos, C., Forsyth, A., Belski, R., Thodis, A., Shepherd, S., & Tierney, A. (2015). *Food and nutrition throughout life*. Crows Nest, NSW: Allen & Unwin.
6. Gropper, S. S., & Smith, J. L. (2017). *Advanced nutrition and human metabolism* (7th ed.). Belmont, CA: Wadsworth Cengage Learning. [ebook available]
7. Hoffman, T., Bennett, S., & Del Mar, C. (2017). *Evidence-based practice across health professions* (3rd ed.). Chatswood, NSW: Elsevier.
8. Nelson, D. L. & Cox, M. M. (2016). *Lehninger principles of biochemistry* (7th ed., international ed.). New York, NY: W.H. Freeman.
9. Sarris, J., & Wardle, J. (Eds.). (2014). *Clinical naturopathy: An evidence-based guide to practice* (2nd ed.). Sydney, NSW: Churchill Livingstone Elsevier. [ebook available]
10. Stargrove, M., Treasure, J., & McKee, D. (2008). *Herb, nutrient and drug interactions*. St Louis, MO: Mosby Elsevier.
11. The Royal College of Pathologist of Australasia. (n.d.). *RCPA manual*. Retrieved from <http://rcpamanual.edu.au/>
12. Watson, R. R. (2009). *Complementary and alternative therapies in the ageing population: An evidence-based approach*. San Diego, CA: Academic Press.
13. Whitney, E., Rolfes, S. R., Crowe, T., Cameron-Smith, D., & Walsh, A. (2016). *Understanding nutrition* (Australia and (New Zealand ed., 3rd ed.). South Melbourne, VIC: Cengage Learning.

Subject Content	
Week	Clinical Practicum
1-13.	<p>Clinic practicum goes from Week 1 to Week 13 with a one week non-teaching week around Weeks 6 - 8 in Semester 1 (depending on Easter) or between Weeks 7 & 8 in Semester 2.</p> <p>Mid-semester reviews are conducted in Weeks 7 - 8 and students are presented with written and verbal feedback from each supervisor about their performance in clinic in relation to specified rubrics, and marks are aggregated to provide a single grade.</p> <p>Final reviews of clinical practicum are conducted in Week 13 and students are presented with further written and verbal feedback from each supervisor about their performance in clinic in relation to specified rubrics, and marks are aggregated to provide a single grade.</p> <p>In Clinical Practicum students are evaluated on their ability to apply their knowledge and skills in a professional manner. Therefore students should note that, although helpful, previous success in academic subjects does not guarantee success in Clinical Practicum.</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

	<ul style="list-style-type: none"> • 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 • Office management skills, 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
14.	Non-Teaching Week/Practical Examination Week 1 Note that make-up classes may be scheduled in this week
15.	Non-Teaching Week/Practical Examination Week 2 Note that make-up classes may be scheduled in this week
16.	Final Examination Week 1 There is no final exam for this subject
17.	Final Examination Week 2 There is no final exam for this subject