

## SUBJECT OUTLINE



Subject Name:

### Nutritional Medicine Clinical Practicum 1

Subject Code:

**NMDC313**

## SECTION 1 – GENERAL INFORMATION

<b>Award/s:</b>	<b>Total course credit points:</b>	<b>Level:</b>
Bachelor of Health Science (Nutritional and Dietetic Medicine)	96	3 <sup>rd</sup> Year
<b>Duration:</b> 1 Semester		
<b>Subject Coordinator:</b> Moira Bradfield (Gold Coast campus)		
<b>Subject is:</b> Core	<b>Subject Credit Points:</b> 6	

### Student Workload:

<b>No. timetabled hours per week:</b> 9	<b>No. personal study hours per week:</b> 6	<b>Total hours per week:</b> 15
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#### Delivery Mode:

Face to face	3 x 3 hours clinical practicum
Intensive Delivery	Details: Summer School - contact hours are delivered over 6 weeks with 3 x 6.5 hour days delivered per week. Assessment: Mid-Semester and Final Practical reviews for intensive delivery are completed in class in Weeks 3 & 6 of the intensive. Condition product comparison is due Week 3 and Case studies for intensive delivery are due to be uploaded by Sunday on Weeks 4 and 6 of the Summer School period.

Full Time

Part Time

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

**Co-requisites:** SOCI221

**Special resource requirements:** Working with Children Check (varies by State)  
Current Apply First Aid (HLTFA311A) Competency  
Endeavour College approved attire  
Endeavour College Clinic Handbook.  
Mandatory online clinic induction/orientation and quiz  
Stethoscope, Sphygmomanometer, Timing device, Penlight, Thermometer, Measuring tape, Percussion (reflex) hammer

## 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 patients and the range of acute and chronic conditions that present in our clinics.

### Learning Outcomes

1. Participate in 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 diagnostic and treatment options based on totality of professional education thus far, along with review of relevant research, clinical experience, cultural considerations and patient preferences to contribute to the construction of a suitable and effective 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 participate as a secondary practitioner in nutritional medicine consultations to assist in eliciting clinical data essential to establish appropriate client management options.
5. Apply appropriate written and oral communication skills to communicate information and knowledge in the area of client management and professional practice.
6. Acquire and consolidate knowledge of nutritional medicine practice management including Occupation Health and Safety standards, office reception, clinic procedures, and dispensing.

### Assessment Tasks

Type	Learning Outcomes Assessed	Week Content Delivered	Week Due	Weighting
<b>Attendance</b> (100% required)	N/A	N/A	Weekly	Pass/Fail
<b>Condition product comparison</b> (written narrative and oral presentation, 750 words & 5 minute oral presentation)	1,2,5	1-6	6	10%
<b>Progressive Clinical Assessment — Mid-semester Review</b> (rubric-based)	1-6	1-6	7-8 (based on weekly observations)	20%
<b>Client Case Studies</b> (2 case studies, 1200 words each, suitable for publication)	1,2,4,5	1-13	8,13	30% (15% per case study)
<b>Progressive Clinical Assessment — Final Assessment</b> (rubric-based)	1-6	7-13	13 (based on weekly observations)	40%
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. Bryant, B., & Knights, K. (2014). *Pharmacology for health professionals* (4th ed.). Sydney, NSW: Mosby Elsevier. [ebook available]
3. Camfield, D., McIntyre, E., & Sarris, J. (2016). *Evidence-based herbal and nutritional treatments for anxiety in psychiatric disorders*. Switzerland: Springer. [ebook available]

4. 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.
5. Gropper, S. S., & Smith, J. L. (2017). *Advanced nutrition and human metabolism* (7th ed.). Belmont, CA: Wadsworth Cengage Learning.
6. Hoffman, T., Bennett, S., & Del Mar, C. (2013). *Evidence-based practice across health professions* (2nd ed.). Sydney, NSW: Churchill Livingstone.
7. Sarris, J., & Wardle, J. (Eds.). (2014). *Clinical naturopathy: An evidence-based guide to practice* (2nd ed.). Sydney, NSW: Churchill Livingstone Elsevier. [ebook available]
8. Stargrove, M., Treasure, J., & McKee, D. (2008). *Herb, nutrient and drug interactions*. St Louis, MO: Mosby Elsevier.
9. The Royal College of Pathologist of Australasia. (n.d.). *RCPA manual*. Retrieved from <http://rcpamanual.edu.au/>
10. Watson, R. R. (2009). *Complementary and alternative therapies in the ageing population: An evidence-based approach*. San Diego, CA: Academic Press.
11. Whitney, E., Rolfes, S. R., Crowe, T., Cameron-Smith, D., & Walsh, A. (2016). *Understanding nutrition, Australia and New Zealand edition* (3rd ed.). South Melbourne, VIC: Cengage Learning.

## Subject Content

Week	Clinical Practicum - 3 sessions per week
1-13.	<p>Clinic practicum goes from Week 1 to Week 13 with a one week mid-semester break around Weeks 6 - 8 in Semester 1 (depending on Easter) or between Weeks 7 and 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"> <li>• Conducting clinical consultations and observations</li> <li>• Good practitioner-client communication</li> <li>• Give short, oral presentations to supervisor and student peers in relation to client management and professional practice</li> <li>• Case taking</li> <li>• Clinical examination skills</li> <li>• Interpretation of biomedical and functional test results</li> <li>• Differential diagnosis</li> <li>• Developing individualised treatment plans</li> <li>• Appropriate referral</li> <li>• Presentation to Supervisor and obtaining approval for treatment plan</li> <li>• Office management skills, dispensing and reception duties</li> <li>• Observing all clinic policy and procedure</li> <li>• Participating in debriefing sessions at the conclusion of each clinical practicum to identify any important issues.</li> </ul>
14-15.	<b>Study /Practical Exam Weeks. Note that make-up classes may be scheduled in these weeks.</b>
16-17.	<p><b>Final Exam Weeks 1 &amp; 2</b></p> <p>There is no final exam in this subject.</p>