

NUDI3230: Clinical Nutrition 2

Callaghan

Semester 2 - 2023



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description Studies clinical nutrition as it relates to the prevention and treatment of disease. The course deals with the nutritional aspects of diseases and clinical disorders by integrating students' existing knowledge of physiology, biochemistry and food science.

Review of Progress Requirements This course is a compulsory program requirement for students in the following program(s):
- Bachelor of Nutrition and Dietetics (Honours)

In addition to meeting the University's overall requirements for academic progression, students enrolled in these program(s) must satisfactorily complete this course in order to progress in their program.

Requisites This course is only available to students enrolled in the B Nutrition & Dietetics (Honours) program. Pre-requisite - successful completion of HUBS2503, NUDI3220 and NUDI3240

Assumed Knowledge NUDI2200 Nutrition 2
NUDI3240 Dietetic Practice
HUBS2505 Human Pathophysiology

Contact Hours **Callaghan**

Lecture
Face to Face On Campus
2 hours per Week for Full Term

Tutorial ^
Face to Face On Campus
2 hours per Week for Full Term starting Week 1

Laboratory
Face to Face On Campus
4 hours per Week for 2 Weeks

Workshop
Face to Face On Campus
4 hours per Term for Full Term starting Week 13

Placement *
Face to face off campus
2 days per Term for Full Term

* This contact type has a compulsory requirement.

^ There is an expectation that students attend all tutorials, laboratory sessions and workshops in the third year NUDI coded courses in the Bachelor of Nutrition and Dietetics (Honours). For

COURSE OUTLINE

www.newcastle.edu.au

CRICOS Provider 00109J

NUDI3230, this will involve attendance at a minimum of 80% of sessions (i.e., 10 of the 13 tutorials and both laboratory sessions). A class roll will be taken at all sessions. Any student not attending will be followed up by the Course Coordinator.

Unit Weighting

10

Workload

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

CONTACTS

Course Coordinator

Callaghan

Kirrilly Pursey

Kirrilly.Pursey@newcastle.edu.au

(02) 4921 6585

Consultation: Before and after each lecture or tutorial or email for appointment

Work days: Monday to Wednesday

Teaching Staff

The Course Coordinator is responsible for the management and assessment of the course and will deliver most of the lectures. Guest presenters, who have invaluable experience in their field, will be involved in some lectures and tutorials, so please ensure you try to attend these guest lectures and tutorials.

School Office

School of Health Sciences

Room 302, ICT Building

Callaghan

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SYLLABUS

Course Content

1. Gastroenterology
2. Renal disease
3. Pulmonary disease
3. Nutrition support in critical illness
4. Mental health and eating disorders
5. Adverse food reactions
6. Rheumatic disease
7. Introduction to paediatrics

Course Learning Outcomes

On successful completion of this course, students will be able to:

1. Demonstrate knowledge of nutrition principles and their application to disease prevention and management.
2. Interpret and translate scientific knowledge and principles related to nutrition into practical information.
3. Demonstrate a knowledge of medical terminology and medical abbreviations associated with nutrition related diseases and conditions.
4. Collect, organise, and assess data relating to the health and nutritional status of individuals.

Course Materials

The Handbook of Clinical Nutrition and Dietetics, Stewart, Australian Dietitian, 7th ed.
Additional learning materials will be made available on the Canvas site.

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Course Assessment Requirements:

To pass this course, you must obtain a mark of at least 50% for the final formal exam. To pass the course, a minimum of 50% of the total weighted mark is required.

Pre-Placement Requirements:

- NSW Health Verification Requirements - Mandatory NSW Health Verification Requirements must be met.
- First Aid Certificate issued by an approved provider- optional

ASSESSMENTS

This course has 4 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Online test	Week 6, available from 12pm Tuesday 22 nd August to 12pm Wednesday 23 rd August	Individual	15%	1, 2, 4
2	Laboratory assignment 1	Week 8, 12pm Wednesday 6 th September	Individual	15%	1, 2, 3, 4
3	Laboratory assignment 2	Week 11 12pm Wednesday 11 th October	Individual	20%	1, 2, 3, 4
4	Formal Exam*	Formal examination period	Individual	50%	1, 2, 3, 4
5	Compulsory Practical Placement*	Throughout the semester / mid-semester break	Individual	Pass / fail	1, 2, 3, 4

* This assessment has a compulsory requirement.

Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Assessment 1 – Online test

Assessment Type	Online test
Description	A 1- hour multiple choice online test in Week 6 of semester will cover the first five weeks of the course content.
Weighting	15%
Due Date	Week 6, available online through Canvas from 12pm Tuesday 22 nd August until 12pm Wednesday 23 rd August
Submission Method	Online test
Assessment Criteria	Students will be assessed on their understanding of the lecture and tutorial material.
Return Method	N/A
Feedback Provided	Individual marks and general feedback will be provided on Canvas.

Assessment 2 - Laboratory assignment 1

Assessment Type	Written assignment
Description	Case study-based individual assignment
Weighting	15%
Due Date	Week 8, 12pm Wednesday 6 th September
Submission Method	Through Canvas
Assessment Criteria	Students will be assessed on their knowledge and application of the course material
Return Method	Online through Canvas
Feedback Provided	Individual assessments will receive feedback using the online rubric on Canvas. General

feedback will be posted on Canvas

Assessment 3 - Laboratory assignment 2

Assessment Type	Written assignment
Description	Case study-based individual assignment
Weighting	20%
Due Date	Week 11, 12pm Wednesday 11 th October
Submission Method	Through Canvas
Assessment Criteria	Students will be assessed on their knowledge and application of the course material
Return Method	Online through Canvas
Feedback Provided	Individual assessments will receive feedback using the online rubric on Canvas. General feedback will be posted on Canvas

Assessment 4 - Formal Exam

Assessment Type	Formal Examination
Description	Multiple choice and case-based questions assessing content from weeks 1 to 12
Weighting	50%
Compulsory Requirements	Pass Requirement - Students must pass this assessment item to pass the course.
Due Date	During the formal examination period
Submission Method	N/A
Assessment Criteria	Students will be assessed on their knowledge and application of the course material
Return Method	This is a non-returnable assessment item
Feedback Provided	N/A
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 5 - Compulsory Practical Placement

Assessment Type	Outpatient and telehealth clinic attendance and written reflection task
Description	Compulsory course requirement
Weighting	This is a formative assessment and will not contribute to your final grade. Clinic attendance is mandatory
Due Date	The written reflection task including peer review is due two weeks after the telehealth clinic experience
Submission Method	Canvas
Assessment Criteria	Evidence of reflection on practice
Return Method	Online through Canvas
Feedback Provided	Individual reflections will receive feedback using the online rubric on Canvas. General feedback will also be posted on Canvas.

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.

50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Canvas and verbal communication in lectures, labs and tutorials will be the main communication methods used for this course. Students can discuss issues with the Course Coordinator during class times, by email or by appointment times as needed. Please check Canvas regularly for announcements. All lectures and course materials will be posted on this site.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement. As a result of feedback, weekly tutorials were introduced in 2021 in response to students requesting more hands-on practice.

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at <https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures> that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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