

## NUDI4290: Paediatric Nutrition and Dietetics

Online

Semester 1 - 2024



THE UNIVERSITY OF  
NEWCASTLE  
AUSTRALIA

# OVERVIEW

<b>Course Description</b>	This course examines the application of nutrition and dietetics knowledge in the field of child and family health and nutrition. The course aims to develop a holistic approach to optimising the nutritional health of this group.
<b>Academic Progress Requirements</b>	Nil
<b>Requisites</b>	This course is only available to students enrolled in the [12339] B Nutrition & Dietetics (Honours) program. Students must have successfully completed of NUDI3230
<b>Assumed Knowledge</b>	NUDI3220 Clinical Nutrition 1, NUDI3240 Dietetic Practice, NUDI3250 Nutrition Communication, NUDI3300 Food and Nutrition Service Management, NUDI3310 Community and Public Health Nutrition 2
<b>Contact Hours</b>	<b>Online Lecture</b> Online 12 hour(s) per term All contact will be online as per distance course. Students may access online lectures at any time via Canvas. Email as arranged with the Course Co-ordinator. Communication via Canvas Discussions or per arrangement with Course Co-ordinator. <b>Self-Directed Learning</b> Self-Directed 90 hour(s) per term starting Week 1
<b>Unit Weighting Workload</b>	10 Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

# COURSE OUTLINE

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# CONTACTS

<b>Course Coordinator</b>	<b>Online</b> Dr Kirrilly Pursey Kirrilly.Pursey@newcastle.edu.au Consultation: Monday to Wednesday 8am – 4pm ICT Building, Callaghan
<b>Teaching Staff</b>	Other teaching staff will be advised on the course Canvas site.
<b>School Office</b>	<b>School of Health Sciences</b> Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

# SYLLABUS

<b>Course Content</b>	The course consists of the following modules/content; <ol style="list-style-type: none"><li>1. Infant and child nutrition</li><li>2. Nutrition in common paediatric diseases and conditions</li><li>3. Paediatric nutrition support</li><li>4. Nutrition and mental health for children, adolescents, and young people</li><li>5. Communicating nutrition messages to children, adolescents, young people, and families.</li></ol>
<b>Course Learning Outcomes</b>	<b>On successful completion of this course, students will be able to:</b> <ol style="list-style-type: none"><li>1. Demonstrate knowledge of the Nutrition Care Process and its application to disease prevention and management in babies, children, adolescents.</li><li>2. Collect, organise, and assess information related to the health and nutritional status of babies, children, and adolescents, using the Nutrition Care Process</li><li>3. Interpret and translate scientific knowledge into practical and patient-centred interventions for babies, children, adolescents, and their families.</li><li>4. Demonstrate a professional and autonomous approach to dietetic practice.</li></ol>
<b>Course Materials</b>	<b>Required:</b> Allen and Fischer (Eds) The Feeding Guide – 8th edition (2020), The Children's Hospital at Westmead, Sydney Children's Hospital Network. Available for purchase online: <a href="https://kidshealth.schn.health.nsw.gov.au/feeding-guide-8th-edition">https://kidshealth.schn.health.nsw.gov.au/feeding-guide-8th-edition</a>  <b>Optional:</b> Shaw (Eds) Clinical Paediatric Dietetics 5th Edition (2020), Blackwell

# SCHEDULE

Module	Topic
1	Nutrition Care Process and Paediatric Nutrition
2	Breastfeeding, infant formula, and introducing solids
3	Paediatric weight management
4	Paediatric mental health
5	Eating disorders in children and adolescents
6	Paediatric allergy and intolerance
7	Neurodevelopmental disorders
8	Paediatric nutrition support
9	Paediatric endocrinology
10	Paediatric gastroenterology
11	Cystic Fibrosis and Metabolic disorders

# ASSESSMENTS

This course has 3 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Assignment 1	11:59pm, Friday 5 <sup>th</sup> April, Week 6	Individual	35%	1, 2, 3, 4
2	Assignment 2	11:59pm, Friday 24 <sup>th</sup> May, Week 11	Individual	35%	1, 2, 3, 4
3	Online Quizzes	Quizzes for Modules 1 to 10, completed anytime during the semester until 11:59pm 7 <sup>th</sup> June 2024 (Week 13)	Individual	30%	1, 2

## 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 - Assignment 1

<b>Assessment Type</b>	Written Assignment
<b>Description</b>	Written assessment task involving the application of the Nutrition Care Process to a paediatric weight management case study.
<b>Weighting</b>	35% total grade
<b>Due Date</b>	11:59pm, Friday 5 <sup>th</sup> April, Week 6
<b>Submission Method</b>	Online via Canvas
<b>Assessment Criteria</b>	Students will be assessed on their ability to apply the Nutrition Care Process to a paediatric weight management case study. Please see marking rubric via the Assessment Outline document on Canvas.
<b>Return Method</b>	Online via Canvas.
<b>Feedback Provided</b>	Individual feedback via Canvas, as well as group level feedback via Canvas

## Assessment 2 - Assignment 2

<b>Assessment Type</b>	Professional Task (recorded audio-visual presentation)
<b>Description</b>	This is an audio-visual assessment task involving application of the Nutrition Care Process to a paediatric allergy telehealth case study. Students will record and upload a simulated online telehealth consultation, including both audio and visual components (i.e. via Zoom), focusing on the Intervention and Monitoring and Evaluation components of the Nutrition Care Process.
<b>Weighting</b>	35%
<b>Due Date</b>	11:59pm, Friday 24 <sup>th</sup> May, Week 11
<b>Submission Method</b>	Online via Canvas.
<b>Assessment Criteria</b>	Students will be assessed on their verbal and non-verbal communication skills, as well as their ability to provide appropriate advice for paediatric allergy management, in line with the Nutrition Care Process. Please see marking rubric via the Assessment Outline document on Canvas.
<b>Return Method</b>	Online via Canvas.
<b>Feedback Provided</b>	Individual feedback via Canvas, as well as group level feedback via Canvas

## Assessment 3 - Online Quizzes

<b>Assessment Type</b>	10 online MCQ quizzes. There is one test for each module for Modules 1 to 10.
<b>Description</b>	Each test consists of 10 multiple choice questions. Students get one attempt per quiz and 30 minutes to complete each quiz. Backtracking is available in the quiz.
<b>Weighting</b>	Total weighting for all quizzes: 30%. Each quiz is worth an equal amount to the total weighting.
<b>Due Date</b>	Students can complete the test at anytime during the semester, up until 11:59pm 7 <sup>th</sup> June (Week 13).
<b>Submission Method</b>	Online via Canvas
<b>Assessment Criteria</b>	Students will be assessed on their knowledge and understanding of each module.
<b>Return Method</b>	This is a non-returnable assessment item.
<b>Feedback Provided</b>	Marks will be made available immediately via 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

Communication methods used in this course include: Canvas announcements, online discussion through Discussion Board and communication via email where required.

## 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. Recent changes made to the course based on student feedback include flexible assessment tasks, including weekly quizzes that can be completed anytime during the semester.

## 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>.

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**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/respect-at-uni/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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