

# Graduate Diploma in Nutritional Science (174JA.1)

Please note these are the 2021 details for this course

## Domestic students

Selection rank	PG
Delivery mode	On campus
Location	Bruce, Canberra
Duration	1.0 years
Faculty	Faculty of Health
Discipline	Discipline of Nutrition and Dietetics
UAC code	880827
English language requirements	<p>There are non-standard English language requirements for this course. To be eligible you must have an overall IELTS Academic score (or equivalent) of 7.0, with no band score below 6.0. For alternate/equivalent ways of meeting the English requirements for this course please view the English Proficiency Requirements document on the university website.</p> <p><a href="#">View IELTS equivalences</a></p>

## International students

Academic entry requirements	<p>To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page.</p>
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[View UC's academic entry requirements](#)

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<b>Duration</b>	1.0 years
<b>Faculty</b>	Faculty of Health
<b>Discipline</b>	Discipline of Nutrition and Dietetics
<b>CRICOS code</b>	072530M
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# About this course

## Get a taste for the science of nutrition

Learn more about human physiology, biochemistry and how nutrition affects the human body from a social, biochemical, disease and life cycle-oriented context with a UC Graduate Diploma in Nutritional Science course.

In this course, you will study a diverse range of subjects that will give you a deeper understanding of human nutrition while offering a clearer understanding of what health-related study options are available to you moving forward. This course is perfect for students from a broader health science background looking to specialise in nutrition science, or those looking at entering the Master of Nutrition and Dietetics program and need additional pre-requisites to gain access.

This course also offers an alternative exit pathway for students who commence the Master of Nutrition and Dietetics but due to lifestyle or career changes, choose not to complete the degree. Get a taste for nutrition science. Register for the UC Graduate Diploma in Nutritional Science course today.

## Study a Graduate Diploma in Nutritional Science at UC and you will:

- develop knowledge, skills, and attitude to examine health within the framework of nutrition

- understand the application of food in a social, pathophysiological and biochemical health context
- cultivate critical thinking skills, problem-solving skills and apply evidence-based approaches to address a nutrition-related health issue
- demonstrate expert communication skills to transfer complex nutrition knowledge to a variety of audience
- develop autonomy and self-direction in progressing your learning and professional development
- gain the necessary scientific background and specific knowledge and skills to address concepts and opinions relating to human nutrition
- identify the links between diet, health, and disease at different life stages
- discuss ways to improve the delivery of nutritional information.

## Work Integrated Learning (WIL)

Depending upon your chosen academic pathway you may have additional opportunities to participate in dietetic placements (Master of nutrition and dietetics) or research (e.g., Honours, Ph.D.).

## Career Opportunities

A graduate diploma in nutritional science is a foundation course that opens a variety of future career and study options for students. Successful completion of this course will allow students to either progress to further study or move into any one of the following career pathways:

- nutritionists
- health promotion officers
- project Officer or Research Officers
- nutrition consultant

Or opens opportunities to work in any of the following industries:

- fitness industry
- cooking industry
- community, state or government
- media industry
- NGO and NPO sector

## Potential advanced academic pathways:

Study a Master of Nutrition and Dietetics and go on to register as a dietitian with the Dietitian Association of Australia and open higher research pathways such as Ph.D., MPhil.

Professional recognitions:

- This course establishes eligibility for registration with the Nutrition Society of Australia (NSA) as a nutritionist.

## Course-specific information

Students must have a recognised undergraduate degree in science or a related field, have completed biology and chemistry, and have some knowledge of introductory statistics.

## Professional accreditation

Students who have completed this program may be eligible to apply for the 'Registered Nutritionist' credential with the Nutrition Society of Australia following a period of work experience (as required by NUTSOC).

# Admission requirements

Applicants must meet all of the following criteria:

- a) a completed bachelor degree in science, or a related discipline\*,
- b) two degree level units in chemistry,
- c) two degree level units in human biology and human physiology.

\* a related discipline includes health, science, applied science.

Admission to this course is competitive. Applications will be assessed on the basis of academic merit and the number of available places.

## Assumed knowledge

It is highly desirable that students have completed introductory statistics.

## Periods course is open for new admissions

This course is not open for new admissions.

## Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current [course rules and university policy](#).

# Course requirements

## Graduate Diploma in Nutritional Science (174JA) | 24 credit points

### Required - Must pass 18 credit points as follows

[Expand All](#) | [Collapse All](#)

- Note: Subject to Course Convener approval, students who have completed Required units at Undergraduate Level may be allowed to substitute elective Graduate Level units.

[Biochemistry G \(6480\) | 3 credit points — Level G](#)

[Human Biochemistry G \(6481\) | 3 credit points — Level G](#)

[Food Science G \(8252\) | 3 credit points — Level G](#)

[Nutrition Across the Lifecycle G \(8254\) | 3 credit points — Level G](#)

[Nutrition and Disease G \(8256\) | 3 credit points – Level G](#)

[Nutritional Science G \(8258\) | 3 credit points – Level G](#)

## Restricted Choice - 6 credit points as follows

### Part A - Must pass 3 credit points from the following

[Nutrition, Society and Health G \(6476\) | 3 credit points – Level G](#)

[Research Planning PG \(6486\) | 3 credit points – Level P](#)

[Systemic Anatomy and Physiology G \(7896\) | 3 credit points – Level G](#)

- From 2019 unit 6476 Nutrition, Society & Health G is no longer part of this course. Students who have already passed it do not have to complete either of the two new units.

### Part B - Must pass 3 credit points from the following

[Human Physiology and the Lifecycle G \(6484\) | 3 credit points – Level G](#)

[Regional Anatomy and Physiology G \(7202\) | 3 credit points – Level G](#)

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer to the [inherent requirements statement](#) applicable to your course

# Typical study pattern

UC - Canberra, Bruce

Standard Full Time, Semester 1 Commencing

#### Year 1

##### Semester 1

[Biochemistry G \(6480\)](#)

[Nutrition Across the Lifecycle G \(8254\)](#)

7202 Regional Anatomy and Physiology G OR 6484 Human Physiology and the Lifecycle G

##### Semester 2

[Food Science G \(8252\)](#)

[Human Biochemistry G \(6481\)](#)

[Nutrition and Disease G \(8256\)](#)

7896 Systemic Anatomy and Physiology G OR 6486 Research Planning PG

**Winter Term**

[Nutritional Science G \(8258\)](#)

**Standard Full Time, Semester 2 Commencing**

**Year 1**

**Semester 2**

[Food Science G \(8252\)](#)

[Human Biochemistry G \(6481\)](#)

[Nutrition and Disease G \(8256\)](#)

[Systemic Anatomy and Physiology G \(7896\)](#)

**Year 2**

**Semester 1**

[Biochemistry G \(6480\)](#)

[Nutrition Across the Lifecycle G \(8254\)](#)

[Regional Anatomy and Physiology G \(7202\)](#)

**Winter Term**

[Nutritional Science G \(8258\)](#)

**Standard Part Time, Semester 1 Commencing**

**Year 1**

**Semester 1**

[Biochemistry G \(6480\)](#)

[Nutrition Across the Lifecycle G \(8254\)](#)

**Semester 2**

[Food Science G \(8252\)](#)

[Human Biochemistry G \(6481\)](#)

**Year 2**

**Semester 1**

7202 Regional Anatomy and Physiology G OR 6484 Human Physiology and the Lifecycle G

**Semester 2**

[Nutrition and Disease G \(8256\)](#)

7896 Systemic Anatomy and Physiology G OR 6486 Research Planning PG

**Winter Term**

[Nutritional Science G \(8258\)](#)

## Standard Part Time, Semester 2 Commencing

**Year 1**

**Semester 2**

[Food Science G \(8252\)](#)

[Nutrition and Disease G \(8256\)](#)

**Year 2**

**Semester 1**

[Biochemistry G \(6480\)](#)

[Nutrition Across the Lifecycle G \(8254\)](#)

**Semester 2**

[Human Biochemistry G \(6481\)](#)

7896 Systemic Anatomy and Physiology G OR 6486 Research Planning PG

**Year 3**

**Semester 1**

7202 Regional Anatomy and Physiology G OR 6484 Human Physiology and the Lifecycle G

**Winter Term**

[Nutritional Science G \(8258\)](#)

## Standard Part Time, Winter Term Commencing

**Year 1**

**Semester 2**

[Food Science G \(8252\)](#)

7896 Systemic Anatomy and Physiology G OR 6486 Research Planning PG

**Winter Term**

[Nutritional Science G \(8258\)](#)

**Year 2**

**Semester 1**

[Biochemistry G \(6480\)](#)

[Nutrition Across the Lifecycle G \(8254\)](#)

**Semester 2**

[Human Biochemistry G \(6481\)](#)

[Nutrition and Disease G \(8256\)](#)

**Winter Term**

7202 Regional Anatomy & Physiology G in WINTER OR 6484 Human Physiology & the Lifecycle G in SEM 1

# Course information

## Course duration

Standard two semesters full-time or equivalent. Maximum eight semesters. Students commencing in Semester 2 may enrol part-time only.

## Learning outcomes

Learning outcomes	Related graduate attributes
<p>Communication:</p> <p>Graduates are expected to be able to:</p> <ul style="list-style-type: none"><li>a. express knowledge, ideas and opinions in their professional field, both orally and in written form, with confidence and clarity;</li><li>b. present arguments and ideas effectively;</li><li>c. actively listen and respond to the ideas of other people;</li><li>d. negotiate effectively; and</li><li>e. create and present new ideas.</li></ul>	<p>Communication skills will be assessed in the following units:</p> <p>Written assignments;</p> <p>Nutritional Science Nutrition Across the Lifecycle;</p> <p>Nutrition and Disease;</p> <p>Food Science;</p> <p>Oral Presentations;</p> <p>Nutrition Across the Lifecycle;</p>



	Nutrition, Society and Health.
<p>Information Literacy and Numeracy:</p> <p>Graduates are expected to be able to locate, identify, collate, analyse, manipulate, evaluate, interpret and present information and numerical data.</p>	<p>These skills and attributes will be assessed in laboratory reports and practicals in the units:</p> <p>Biochemistry;</p> <p>Human Biochemistry;</p> <p>Human Physiology and the Lifecycle;</p> <p>Nutritional Science.</p>
<p>Information and Communication Technology:</p> <p>Graduates are expected to be able to select and use appropriate information and communication technology to retrieve, manipulate and present information.</p>	<p>Assignment tasks in a number of units will require students to undertake research via the internet, thus utilising IT and CT skills.</p> <p>The unit Nutritional Science is being run in blended format requiring on-line study and assessment tasks.</p>
<p>Problem Solving:</p> <p>Graduates are expected to be able to:</p> <ol style="list-style-type: none"> <li>identify problems and analyse the main features of problems relevant to their professional field;</li> <li>apply appropriate problem solving processes, arguments, critical and creative thinking;</li> <li>implement and evaluate strategies for the resolution of problems;</li> <li>anticipate and define new problems; and</li> <li>identify and resolve new problems in new fields.</li> </ol>	<p>Students will be required to complete a number of problem solving tasks as part of the assessment for a number of units in the program:</p> <p>Nutritional Science;</p> <p>Nutrition Across the Lifecycle;</p> <p>Nutrition and Disease;</p> <p>Food Science;</p> <p>Nutrition, Society and Health.</p>
<p>Working With Others:</p> <p>Graduates are expected to be able to:</p> <ol style="list-style-type: none"> <li>work with others as part of a group;</li> <li>take responsibility for carrying out agreed tasks;</li> </ol>	<p>Completion of group tasks is an important component of the assessment tasks in the following units:</p> <p>Nutrition Across the Lifecycle;</p>

c. be aware of the different roles and responsibilities of group members; d. evaluate group performance; e. take initiative and demonstrate leadership; and f. respect the rights of others irrespective of their cultural background, race or gender.	Nutrition, Society and Health.
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Social Responsibility:

Graduates are expected to:

- a. work toward improvement in society;
- b. understand economic, political, social, and environmental systems with an international perspective;
- c. act in environmentally sustainable ways;
- and
- d. accept service to the community as the primary purpose for professional life.

The key learning objectives of the unit Nutrition, Society and Health include understanding economic, political, social and environmental systems that impact on nutritional health., and environmental sustainability with respect to the food supply. This unit therefore encompasses the learning objectives of Social Responsibility very well.

## Awards

Award	Official abbreviation
Graduate Diploma in Nutritional Science	GradDip NutritionalSc

## Honours

Not applicable.

## Alternative exits

The Graduate Certificate in Human Nutrition is subsumable into this course if the student meets the admission requirements for the graduate diploma.

## Enquiries

Student category	Contact details
Prospective Domestic Students	Email <a href="mailto:study@canberra.edu.au">study@canberra.edu.au</a> or Phone 1800 UNI CAN (1800 864 226)
Prospective International Students	Email <a href="mailto:international@canberra.edu.au">international@canberra.edu.au</a> or Phone +61 2 6201 5342

Current and Commencing Students

Please contact the Faculty of Health faculty office, email [student.centre@canberra.edu.au](mailto:student.centre@canberra.edu.au)

## Download your course guide



# Scholarships

Find the scholarship that's the right fit for you

[Explore Scholarships](#)

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UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge

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and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.