



# ENVH12001 Food Safety

## Term 2 - 2020

Profile information current as at 27/04/2024 02:16 am

All details in this unit profile for ENVH12001 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

## General Information

### Overview

Every year, millions of Australians suffer illness associated with food and it has been estimated that every Australian will experience an episode of foodborne illness every four years. In this unit, students will learn about methods of safe food preparation and the importance of food safety in commercial and regulatory contexts. Students will learn to identify common food contaminants, the sources of these contaminants and the epidemiology of food-borne illness using case studies. During residential school, skills will be developed in the identification and evaluation of food safety hazards and ways to control these hazards. An important skill developed in the unit is the application of Australian food legislation to the risk assessment of food premises. Students will also develop an appreciation of emerging issues such as food security, food allergies and intolerances, genetically modified foods and organic food production.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Prerequisite: 48 credit points

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

### Offerings For Term 2 - 2020

- Mixed Mode

### Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

### Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Online Quiz(zes)**

Weighting: 25%

#### 2. **Portfolio**

Weighting: 35%

#### 3. **Written Assessment**

Weighting: 40%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Unit evaluation

**Feedback**

More tutorials required for the assessment.

**Recommendation**

Increased number of tutorials aimed at meeting the needs of Medical Science (Nutrition) students.

#### Feedback from Unit Coordinator reflection on evaluation scores.

**Feedback**

Unit needs to be made more overtly relevant to Medical Science (Nutrition) students.

**Recommendation**

Involve a Nutrition academic in teaching the unit to provide a perspective on the learning material that is relevant to the Nutrition students.

## Unit Learning Outcomes

**On successful completion of this unit, you will be able to:**

1. Describe conditions conducive to safe food preparation.
2. Identify common food contaminants, the sources of these contaminants and their potential health impacts.
3. Identify food safety hazards; evaluate the risk of these hazards; and develop appropriate control strategies..
4. Interpret and apply food safety legislation in assessing food premise applications and conducting regulatory compliance assessments.
5. Discuss contemporary food safety issues.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
<b>1 - Online Quiz(zes) - 25%</b>	•	•			
<b>2 - Portfolio - 35%</b>	•	•	•	•	•
<b>3 - Written Assessment - 40%</b>			•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	
1 - Communication	•				•	
2 - Problem Solving			•	•		
3 - Critical Thinking			•	•	•	
4 - Information Literacy	•	•		•	•	
5 - Team Work						
6 - Information Technology Competence						
7 - Cross Cultural Competence						
8 - Ethical practice					•	•
9 - Social Innovation						
10 - Aboriginal and Torres Strait Islander Cultures						

### Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 25%	•					•				
2 - Portfolio - 35%	•	•	•		•			•		
3 - Written Assessment - 40%	•	•	•					•		

## Textbooks and Resources

### Textbooks

ENVH12001

#### Prescribed

##### Food Safety Handbook

Edition: electronic resource (2005)

Authors: Ronald H. Schmidt & Gary E. Rodrick

John Wiley & Sons, Inc.

Hoboken , New York , USA

ISBN: 9780471432272

Binding: Hardcover

#### Additional Textbook Information

The textbook is available in electronic format via the CQU Library search engine; choose the online access link. A hard copy is also available for purchase from the CQU Bookshop here: <http://bookshop.cqu.edu.au>

### IT Resources

#### You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Dale Trott** Unit Coordinator

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**Lisa Bricknell** Unit Coordinator

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## Schedule

### Week 1 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to food safety		

### Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Food microbiology		

### Week 3 - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Food borne illness		

### Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Quiz 1A opens Friday 9:00am

Food safety procedures

**Assessment task 1: Online Quizzes**  
Due: Week 4 Friday (7 Aug 2020)  
11:45 pm AEST

**Week 5 - 10 Aug 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Food law in Australia		Quiz 1A closes Friday 9:00am

**Vacation Week - 17 Aug 2020**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 6 - 24 Aug 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Food additives, allergies & intolerances		

**Week 7 - 31 Aug 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to HACCP and food safety programs		

**Week 8 - 07 Sep 2020**

Module/Topic	Chapter	Events and Submissions/Topic
		<b>Assessment task 2: Due Monday Week 8 (11:45pm) - Nutrition &amp; other students only</b>

**Week 9 - 14 Sep 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Food recalls		

**Week 10 - 21 Sep 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Food security		<b>Assessment task 2: Return to students Monday Week 10 (11:45pm) - Nutrition &amp; other students only</b>

**Week 11 - 28 Sep 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Genetically modified and organic foods		Quiz 1B opens Friday 9:00am

**Week 12 - 05 Oct 2020**

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 1B closes Friday 9:00am
Revision		<b>Assessment task 3: Report/ Demonstration Plan</b> Due: Week 12 Monday (5 Oct 2020) 11:45 pm AEST

**Review/Exam Week - 12 Oct 2020**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 19 Oct 2020**

Module/Topic	Chapter	Events and Submissions/Topic
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## Term Specific Information

Due to COVID-19 impacts at the time of preparing this unit profile, the residential school attached to this unit for Term 2 2020 has been postponed and will need to be completed at a later date. Further details will be made available on the Moodle site in due course.

## Assessment Tasks

### 1 Assessment task 1: Online Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

- The quizzes will become available at 9:00am on the Friday of Weeks 4 and 11 and remain open until 9:00am of the following Friday.
- There is no time limit to completing the quiz and you can save your quiz and return to it later (while the quiz is available).
- You will get your final result from the quiz showing which questions you got right or wrong after the closing date. This will let you know what areas you need to study/revise.
- You should choose the most correct answer.

#### Number of Quizzes

2

#### Frequency of Quizzes

Other

#### Assessment Due Date

Week 4 Friday (7 Aug 2020) 11:45 pm AEST

Quiz 1A due 9:00am Friday Week 5; Quiz 1B due 9:00am Friday Week 12.

#### Return Date to Students

Week 5 Friday (14 Aug 2020)

After each quiz has closed.

#### Weighting

25%

#### Assessment Criteria

**Quiz 1A** will assess the student's knowledge of the general principals of food hygiene. (Grade - 15%)

**Quiz 1B** will assess the student's knowledge of food additives & intolerances, food security, GMOs & Organic foods. (Grade - 10%)

#### Referencing Style

- [Harvard \(author-date\)](#)

#### Submission

Online

#### Learning Outcomes Assessed

- Describe conditions conducive to safe food preparation.
- Identify common food contaminants, the sources of these contaminants and their potential health impacts.

#### Graduate Attributes

- Communication
- Information Technology Competence

### 2 Assessment task 2: Residential School/Real World Food Safety Problem

#### Assessment Type

Portfolio

## Task Description

### Residential School (EH & OHS students)

The residential school attached to this unit for Term 2 2020 has been postponed and will need to be completed at a later date. Further details will be made available on the Moodle site in due course.

### Real World Food Safety Problem (Nutrition & other students)

A real world food safety problem will be presented for your investigation. You will need to research the issue using the body of scholarly literature and propose solutions based on the evidence. You should document your decision making process in a report format. Further details will be provided on Moodle.

### Assessment Due Date

Nutrition & other students only - Task due: Week 8 Monday (11:45pm)

### Return Date to Students

Nutrition & other students only - Return date: Week 10 Monday (11:45pm)

### Weighting

35%

### Assessment Criteria

This assessment task will be assessed according to the following criteria: Relevance (30%), Validity (40%), Organisation (20%) and Presentation (10%)

### Referencing Style

- [Harvard \(author-date\)](#)

### Submission

Online

### Learning Outcomes Assessed

- Describe conditions conducive to safe food preparation.
- Identify common food contaminants, the sources of these contaminants and their potential health impacts.
- Identify food safety hazards; evaluate the risk of these hazards; and develop appropriate control strategies..
- Interpret and apply food safety legislation in assessing food premise applications and conducting regulatory compliance assessments.
- Discuss contemporary food safety issues.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work
- Ethical practice

## 3 Assessment task 3: Report/ Demonstration Plan

### Assessment Type

Written Assessment

### Task Description

#### Assessment of Food Business Application (EH and OHS students)

As an Environmental Health Officer employed by a Local Government, you have been provided with a food business application from a Class 2 Food Business, and been asked to assess it for compliance with relevant state legislation. Write a report detailing the findings of your assessment and your recommendations. Your report needs to be written as a formal response to the applicant, including an assessment of the food safety program in the form required by the *Food Act [Qld] 2006*. You do not need to include an executive summary. Instead, include a cover letter addressed to the applicant advising them of your decision and relevant recommendations. The food business application, a template for a suitable cover letter and the written advice form, required under the *Food Act [Qld] 2006*, will be provided on Moodle.

#### Development of a demonstration plan for a community group (Nutrition and other students)

From time to time as a nutritionist, you may be required to deliver cooking demonstrations for the benefit of relevant community groups. As a Public Health nutritionist, you have been asked to address an audience of school students or some other community group (of your choosing) to demonstrate how to prepare a nutritious two course meal. For this assessment task, you should prepare a demonstration plan outlining how you will incorporate food safety principles into your demonstration. Further information and an exemplar will be provided on Moodle.

**Assessment Due Date**

Week 12 Monday (5 Oct 2020) 11:45 pm AEST

**Return Date to Students**

Grade will be made available following certification of grades.

**Weighting**

40%

**Assessment Criteria**

This assessment task will be assessed according to the following criteria: Relevance (30%), Validity (40%), Organisation (20%) and Presentation (10%)

**Referencing Style**

- [Harvard \(author-date\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Identify food safety hazards; evaluate the risk of these hazards; and develop appropriate control strategies..
- Interpret and apply food safety legislation in assessing food premise applications and conducting regulatory compliance assessments.
- Discuss contemporary food safety issues.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem