



# ENVH11001 *Health and the Environment*

## Term 1 - 2024

Profile information current as at 29/04/2024 08:08 pm

All details in this unit profile for ENVH11001 have been officially approved by CQU University 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

This unit will introduce the student to the concept of environmental determinants of health and the need to protect people from hazards in the environment that pose a risk to health. Students will study the links between good health and the state of the environment, particularly those between the environment and society, economics and environment, politics and environment and environmental health development. Students will develop an appreciation of the interdisciplinary nature of environmental health issues and the interaction between human lifestyles, consumption patterns, urbanisation and health. It is a requirement of this unit to have access to the CQU website and the internet.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

There are no requisites for this unit.

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 1 - 2024

- Bundaberg
- Cairns
- Online
- Rockhampton
- Townsville

### 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).

### 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: 5%

#### 2. **Written Assessment**

Weighting: 20%

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

Weighting: 20%

#### 4. **Written Assessment**

Weighting: 55%

### 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 SUTE

**Feedback**

Some students considered the amount of weekly content to be too great.

**Recommendation**

Review the amount of weekly material. Inform students of the required commitment for a 6 credit point unit to ensure they are prepared for the amount of work required for university study i.e. 12-15 hours per week.

## Unit Learning Outcomes

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

1. Describe environmental determinants of health
2. Explain the principles of environmental protection, ecologically sustainable development and the precautionary principle
3. Discuss the historical development and current paradigms pertaining to the discipline of environmental health in Australia and overseas
4. Analyse case studies which highlight the interdisciplinary nature of environmental health issues and the need to protect people from hazards in the environment that pose a risk to health

Describe This unit relates to the following requirements for accreditation by Environmental Health Australia:

#### Environmental health literacies

- Public health principles
- Sustainable development and environmental health principles
- Foundational sciences
- Foundational environmental health practice
- Environmental health management

#### Environmental health graduate attributes

1. Apply relevant knowledge, principles and concepts to workplace needs
  - Apply basic public health science principles and concepts to issues of concern
  - Understand the discipline of environmental health, its theoretical underpinnings and spheres of operation
2. Communicate effectively
  - Exchange of information with colleagues, practitioners, clients, policy-makers, interest groups and the public
  - Persuasively argue for the value and importance of environmental & public health
3. Access, evaluate and synthesise information
  - Identify and access information sources and compile relevant & appropriate information when needed
  - Analyse data, recognise meaningful test results, and interpret results
4. Utilise lifelong learning skills
  - Take responsibility for their own learning and development
  - Critically evaluate personal beliefs and assumptions
5. Demonstrate international and cultural awareness and understanding
  - Recognise individual and collective human rights
  - Recognise the importance of cultural diversity and sensitivity
  - Think globally
6. Apply professional skills
  - Work independently and in teams
  - Demonstrate ethical practices
  - Employ systems thinking skills
7. Use technologies appropriately
  - Decide on appropriate applications, recognising their advantages & limitations
8. Think critically, creatively and reflectively
  - Apply logical and rational processes to analyse the components of an issue

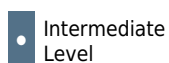
## Alignment of Learning Outcomes, Assessment and Graduate Attributes



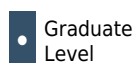
N/A  
Level



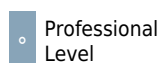
Introductory  
Level



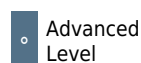
Intermediate  
Level



Graduate  
Level



Professional  
Level



Advanced  
Level

## Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 5%				•
2 - Written Assessment - 20%	•	•		•
3 - Written Assessment - 20%	•	•	•	•
4 - Written Assessment - 55%	•		•	•

## Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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) - 5%	•			•		•				
2 - Written Assessment - 20%	•	•	•	•			•			
3 - Written Assessment - 20%	•	•	•	•				•		
4 - Written Assessment - 55%	•	•	•	•			•	•		

## Textbooks and Resources

### Textbooks

ENVH11001

#### Prescribed

##### Basic Environmental Health

(2001)

Authors: Yassi, A, Kjellstrom, T, de Kok, T & Guidotti, T

Oxford University Press

New York, NY, Australia

ISBN: 9780195135589

Binding: Hardcover

[View textbooks at the CQUniversity Bookshop](#)

### 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

[d.trott@cqu.edu.au](mailto:d.trott@cqu.edu.au)

## Schedule

### Week 1 - 04 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to environmental health	Yassi et al (2001) Chp. 1	<b>Tutorial (All modes, i.e. F2F, ISL &amp; Zoom):</b> Introduction & Introduction to Assessment 1

### Week 2 - 11 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
The nature of environmental health hazards	Yassi et al (2001) Chp. 2	<b>Tutorial (All modes):</b> Evidence gathering and evaluation

### Week 3 - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Managing environmental health hazards	Yassi et al (2001) Chp. 3 & 4	<b>Tutorial (All modes):</b> Preparing an Annotated bibliography

### Week 4 - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Environmental determinants of health-air quality Yassi et al (2001) Chp. 5

**Tutorial (All modes):**  
Causal reasoning &  
Introduction to Assessment 2

**Ass task 1: Moodle quiz** Due: Week 4 Monday (25 Mar 2024) 11:45 pm AEST

**Week 5 - 01 Apr 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Environmental determinants of health-water quality and sanitation	Yassi et al (2001) Chp. 6	Easter Monday (Public Holiday)

**Vacation Week - 08 Apr 2024**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 6 - 15 Apr 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Environmental determinants of health-food and agriculture	Yassi et al (2001) Chp. 7	<b>Tutorial (All modes):</b> Introduction to Assessment 3

**Ass task 2: Annotated bibliography** Due: Week 6 Monday (15 Apr 2024) 11:45 pm AEST

**Week 7 - 22 Apr 2024**

Module/Topic	Chapter	Events and Submissions/Topic
The role of insects and animals in disease transmission	Selected readings	<b>Tutorial (All modes):</b> Assessment 3 general help

**Week 8 - 29 Apr 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Human settlement and urbanisation	Yassi et al (2001) Chp. 8	<b>Tutorial (Zoom only):</b> Assessment 3 general help

**Week 9 - 06 May 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Environmental health in the indigenous population	Online lecture & selected readings	Labour Day (Public Holiday) <b>Ass task 3: Short report</b> Due: Week 9 Friday (10 May 2024) 11:45 pm AEST

**Week 10 - 13 May 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Environmental health hazards in industrial and occupational environments	Yassi et al (2001) Chp. 10	<b>Tutorial (All modes):</b> Introduction to Assessment 4

**Week 11 - 20 May 2024**

Module/Topic	Chapter	Events and Submissions/Topic
Transboundary environmental health concerns	Yassi et al (2001) Chp. 11	<b>Worked Tutorial (All modes):</b> Assessment 4 general help

**Week 12 - 27 May 2024**

Module/Topic	Chapter	Events and Submissions/Topic
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Protecting health and the environment Yassi et al (2001) Chp. 12

### Worked Tutorial (Zoom only):

Assessment 4 general help

**Ass task 4: Case study** Due: Week 12 Friday (31 May 2024) 11:45 pm AEST

#### Review/Exam Week - 03 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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#### Exam Week - 10 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 Ass task 1: Moodle quiz

#### Assessment Type

Online Quiz(zes)

#### Task Description

Complete the online quiz in Moodle relating to the general principles of environmental health. There is no time limit to the completion of each question, so save your answers as you progress and return to them for review before final submission.

#### Number of Quizzes

0

#### Frequency of Quizzes

#### Assessment Due Date

Week 4 Monday (25 Mar 2024) 11:45 pm AEST

Quiz opens Mon. (Wk.3) and closes Mon. (Wk.4)

#### Return Date to Students

Week 4 Monday (25 Mar 2024)

Results available when quiz has closed.

#### Weighting

5%

#### Assessment Criteria

To pass this assessment task, the student must be able to:

- Explain the key components of the discipline of environmental health
- Identify different types of scholarly literature
- Locate scholarly literature

#### Referencing Style

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

#### Submission

Online

#### Learning Outcomes Assessed

- Analyse case studies which highlight the interdisciplinary nature of environmental health issues and the need to protect people from hazards in the environment that pose a risk to health

#### Graduate Attributes

- Communication
- Information Literacy
- Information Technology Competence



## 2 Ass task 2: Annotated bibliography

### Assessment Type

Written Assessment

### Task Description

A topic for your annotated bibliography will be provided on Moodle. Locate five (5) scholarly articles that relate to your assignment topic. Present an annotated bibliography for each article. Your bibliography should include the following:

1. Full reference details, presented according to the CQU Harvard referencing style only.
2. Identify whether the article represents primary, secondary or tertiary evidence. Explaining your belief as to why the evidence should be identified at that level.
3. Finally, a personal description of the important points in the article that make it relevant to the assignment topic.

NB: Provide every bibliographic entry on a new page, with the reference in bold type at the start.

Word count: approximately 150 words per bibliographic entry.

### Assessment Due Date

Week 6 Monday (15 Apr 2024) 11:45 pm AEST

Submission due Mon. (Wk.6) [NB: We have the mid term break the week prior to this submission]

### Return Date to Students

Week 8 Monday (29 Apr 2024)

### Weighting

20%

### Assessment Criteria

This assessment task will be graded according to the following criteria:

- Identifies relevant scholarly sources (20%)
- Identifies appropriate links between environmental factors and health (30%)
- Appropriately evaluates sources (15%)
- Referencing is correct in accordance with the CQU Harvard referencing style (15%)
- Structure is logical and written expression is scholarly (10%)
- Uses correct grammar, spelling and punctuation (10%)

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Describe environmental determinants of health
- Explain the principles of environmental protection, ecologically sustainable development and the precautionary principle
- Analyse case studies which highlight the interdisciplinary nature of environmental health issues and the need to protect people from hazards in the environment that pose a risk to health

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Cross Cultural Competence

## 3 Ass task 3: Short report

### Assessment Type

Written Assessment

### Task Description

A real life scenario will be provided on Moodle. Write a report discussing the scenario, identifying the likely cause of the problem and your reasoning behind a solution for the problem. Use appropriate information from your required reading and other scholarly sources to support your conclusions and justify your recommendations.

Word count: 750 words (+/- 10%); Cover page & reference list are not included in the word count. Referencing is in CQU Harvard only.

**Assessment Due Date**

Week 9 Friday (10 May 2024) 11:45 pm AEST

**Return Date to Students**

Week 11 Friday (24 May 2024)

**Weighting**

20%

**Assessment Criteria**

This assessment task will be graded according to the following criteria:

- Integrates knowledge of key discipline areas (20%)
- Identifies appropriate links between environmental factors and health (25%)
- Draws appropriate and justified conclusions (20%)
- Refers to a variety of relevant scholarly sources (10%)
- Structure is logical and written expression is scholarly (10%)
- Uses correct grammar, spelling and punctuation (5%)
- Referencing is appropriate and consistent in style (5%)
- Complies with word limit (5%)

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Describe environmental determinants of health
- Explain the principles of environmental protection, ecologically sustainable development and the precautionary principle
- Discuss the historical development and current paradigms pertaining to the discipline of environmental health in Australia and overseas
- Analyse case studies which highlight the interdisciplinary nature of environmental health issues and the need to protect people from hazards in the environment that pose a risk to health

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Ethical practice

## 4 Ass task 4: Case study

**Assessment Type**

Written Assessment

**Task Description**

A case study will be provided to you on Moodle. Analyse the available information and write a report clearly describing the causes and potential outcomes of the situation. In your report, identify the immediate cause of the problem and how it could have been prevented. Explain the secondary factors potentially causing or contributing towards adverse health effects, both in this particular situation and in the wider community. You should also identify any long term health or environmental effects and/or impacts on the wider community. Suggest some ways this problem could be prevented in the future. Use appropriate references from the literature to support your statements.

Word count: 1500 words (+/- 10%); Cover page & reference list not included. Referencing is in CQU Harvard [only](#).

**Assessment Due Date**

Week 12 Friday (31 May 2024) 11:45 pm AEST

**Return Date to Students**

Following certification of grades.

**Weighting**

55%

**Minimum mark or grade**

You must achieve at least a PASS (P) grade (27.5/55) for this assignment to be eligible to pass the unit.

**Assessment Criteria**

This assessment task will be graded according to the following criteria:

- Integrates knowledge of key discipline areas (15%)
- Identifies appropriate links between environmental factors and health (20%)
- Draws appropriate and justified conclusions (15%)
- Proposes recommendations justified by analysis of the case study (15%)
- Refers to a variety of relevant scholarly sources (10%)
- Structure is logical and written expression is scholarly (10%)
- Uses correct grammar, spelling and punctuation (5%)
- Referencing is appropriate and consistent in style (5%)
- Complies with word limit (5%)

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Describe environmental determinants of health
- Discuss the historical development and current paradigms pertaining to the discipline of environmental health in Australia and overseas
- Analyse case studies which highlight the interdisciplinary nature of environmental health issues and the need to protect people from hazards in the environment that pose a risk to health

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Cross Cultural Competence
- 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