



# **GEOG19029 Applied Demography**

## **Term 1 - 2022**

Profile information current as at 14/12/2025 03:36 pm

All details in this unit profile for GEOG19029 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

The basic aims of this unit are to develop an ability to acquire and analyse demographic information and to communicate this in clear and concise forms. Upon successful completion of this unit students should be able to: acquire demographic data from the Australian Bureau of Statistics and other providers, or from small-area sample surveys; carry out basic methods of demographic analysis, including the projection of populations (forecasting); describe major characteristics and trends in the demography of Australia's population; and communicate the data and analyses in cartographic, graphic, and written forms.

#### 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: Minimum of 18 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 1 - 2022

- Online

#### 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. **Written Assessment**

Weighting: 30%

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

Weighting: 40%

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

Weighting: 30%

### 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 UC self assessment

**Feedback**

Restructure the weekly learning notes

**Recommendation**

It is recommended that lecture notes and tutorial notes will be separately provided to each of the weekly topics. The lecture notes should focus on concepts and methods while the tutorial notes will concentrate on data and calculations.

#### Feedback from UC self assessment

**Feedback**

Update the unit materials to include the 2021 Census information

**Recommendation**

As the teaching and learning of this unit has relied heavily on the census data, it is recommended that the UC will update the unit materials to include the 2021 Census data, when it is released.

## Unit Learning Outcomes

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

1. Acquire demographic data from the Australian Bureau of Statistics and other providers, or from small-area sample surveys.
2. Explain some key demographic concepts and discuss their practical applications.
3. Carry out basic methods of demographic analysis, including the projection of populations (forecasting).
4. Describe major characteristics and trends in the demography of Australia's population (and/or that of the population of another defined area).
5. Communicate the data and analyses in cartographic, graphic, and written forms.
6. Skills in learning how to find particular information that is contained in the online material, textbook or other study resources.
7. Information literacy skills concerning the acquisition of demographic data from the ABS and other sources of population statistics.
8. Skills in analysis of demographic information, and in the projection of trend.
9. Skills in communicating demographic information in graphic, cartographic and written forms through oral presentations, slide show or web-based material, or written reports.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes												
	1	2	3			4			5	6	7	8	9
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 - Written Assessment - 30%	•	•		•		•				
2 - Written Assessment - 40%	•	•		•		•				
3 - Online Quiz(zes) - 30%		•				•				

## Textbooks and Resources

### Textbooks

There are no required textbooks.

### IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Access to a spreadsheet program such as Excel

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)  
For further information, see the Assessment Tasks.

## Teaching Contacts

**Jiaping Wu** Unit Coordinator  
[j.wu@cqu.edu.au](mailto:j.wu@cqu.edu.au)

## Schedule

### Week 1 - 07 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Demographic transition theory	Weekly learning materials will be made available on the unit's Moodle site.	All Online Quizzes is available from Monday of week 1, but will be cut off in different weeks during the term. Please mark each of the cut-off dates in your calendar.

### Week 2 - 14 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Population growth and decline		

### Week 3 - 21 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Basic demographic measures		

### Week 4 - 28 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Graphing demographic data		

### Week 5 - 04 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
The demography of health and health care		Quiz 1 cuts off

### Vacation Week - 11 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 6 - 18 Apr 2022**

Module/Topic	Chapter	Events and Submissions/Topic
The changing families and characteristics of Australian population		Quiz 2 cuts off

**Week 7 - 25 Apr 2022**

Module/Topic	Chapter	Events and Submissions/Topic
The Australian census of population and housing		<b>Written Assessment</b> Due: Week 7 Friday (29 Apr 2022) 11:45 pm AEST

**Week 8 - 02 May 2022**

Module/Topic	Chapter	Events and Submissions/Topic
Population estimates and small area surveys		Quiz 3 cuts off

**Week 9 - 09 May 2022**

Module/Topic	Chapter	Events and Submissions/Topic
Mapping population distribution		Quiz 4 cut off

**Week 10 - 16 May 2022**

Module/Topic	Chapter	Events and Submissions/Topic
Patterns and trends in migration		Quiz 5 cut off

**Week 11 - 23 May 2022**

Module/Topic	Chapter	Events and Submissions/Topic
Population projections and estimates		

**Week 12 - 30 May 2022**

Module/Topic	Chapter	Events and Submissions/Topic
Towards sustainable populations		Quiz 6 cuts off.  <b>Written Assessment</b> Due: Week 12 Friday (3 June 2022) 11:45 pm AEST

**Review/Exam Week - 06 Jun 2022**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 13 Jun 2022**

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

### 1 Written Assessment

**Assessment Type**

Written Assessment

**Task Description**

The assessment task asks you to collect demographic data from Australian Bureau of Statistics and write a paper:

- (a) to present and discuss some basic demographic measures for defined populations
- (b) to construct and discuss age-gender pyramids for those populations

Detailed guides and requirements for the paper is provided in the Moodle site of the unit.

**Assessment Due Date**

Week 7 Friday (29 Apr 2022) 11:45 pm AEST

Online submission

**Return Date to Students**

Week 9 Friday (13 May 2022)

The papers will be marked and returned in two weeks after the due date or as soon as practicable.

**Weighting**

30%

**Assessment Criteria**

The assessment will be marked on the basis of

- The completeness and accuracy with which the required tasks have been completed.
- The overall quality of the written communication, including the structure, style, format, citation and bibliography, English expression, and general appearance of your paper, including well-designed tables and other graphics (e.g., the population pyramids).

Detailed marking criteria is provided the Moodle site of the unit.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Acquire demographic data from the Australian Bureau of Statistics and other providers, or from small-area sample surveys.
- Explain some key demographic concepts and discuss their practical applications.
- Describe major characteristics and trends in the demography of Australia's population (and/or that of the population of another defined area).
- Communicate the data and analyses in cartographic, graphic, and written forms.

**Graduate Attributes**

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence

## 2 Written Assessment

**Assessment Type**

Written Assessment

**Task Description**

This piece of assessment requires students to collect demographic data from the Australian Bureau of Statistics and to write a paper. In this paper, you should

- (a) present and discuss a choropleth map of population change for defined populations;
- (b) present and discuss population projections for a defined population; and
- (c) describe and discuss some characteristics of social demography of the defined population.

Detailed requirements, and guides for the paper is provided in the Moodle site of the unit.

**Assessment Due Date**

Week 12 Friday (3 June 2022) 11:45 pm AEST

Online submission

**Return Date to Students**

Exam Week Friday (17 June 2022)

The marked assessment will be returned as soon as practicable at the end of the term.

**Weighting**

40%

**Assessment Criteria**

The papers will be evaluated on the basis of

- the quantity and quality of the research
- the analysis that has gone into the project
- the effectiveness of the written communication

Detailed assessment criteria for the assessment is provided in the unit's Moodle site.

### Referencing Style

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

### Submission

Online

### Submission Instructions

All submissions will be via a link on the Moodle site

### Learning Outcomes Assessed

- Acquire demographic data from the Australian Bureau of Statistics and other providers, or from small-area sample surveys.
- Explain some key demographic concepts and discuss their practical applications.
- Carry out basic methods of demographic analysis, including the projection of populations (forecasting).
- Describe major characteristics and trends in the demography of Australia's population (and/or that of the population of another defined area).
- Communicate the data and analyses in cartographic, graphic, and written forms.

### Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence

## 3 Online Quiz(zes)

### Assessment Type

Online Quiz(zes)

### Task Description

This assessment consists of 6 Online Quizzes. Each quiz consists of 10 multiple-choice questions. You need to select the best response for each of the questions.

### Number of Quizzes

6

### Frequency of Quizzes

Other

### Assessment Due Date

All online quizzes will be available from Monday of the first week. Quizzes will be cut off in different weeks during the term. Every quiz must be completed before its cut-off time.

### Return Date to Students

The online quiz will be marked automatically following submission.

### Weighting

30%

### Assessment Criteria

Each question has just one best response. The question will be marked 'correct' if you chose the right answer. Scores are based on the number of correct answers only. There are no marks deducted for incorrect responses.

### Referencing Style

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

### Submission

Online

### Submission Instructions

There will be a submission link placed on the Moodle website



### Learning Outcomes Assessed

- Carry out basic methods of demographic analysis, including the projection of populations (forecasting).
- Communicate the data and analyses in cartographic, graphic, and written forms.

### Graduate Attributes

- Problem Solving
- Information Technology Competence

## 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