



GEOG19029 Applied Demography

Term 1 - 2018

Profile information current as at 14/12/2025 12:28 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 - 2018

- Distance

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 self evaluation

Feedback

public health

Recommendation

Learning material of public health and health mapping will be added to the unit.

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

GEOG19029

Prescribed

Demographic Methods and Concepts

(2003)

Authors: Rowland, D.T.

Oxford University Press

Sydney , NSW , Australia

ISBN: 13: 978-0198752639 (10: 0198752636)

Binding: Other

Additional Textbook Information

A CD Rom comes with the book that requires the use of Microsoft Excel.

[View textbooks at the CQUniversity Bookshop](#)

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

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Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Demographic transition theory	Introduction (pp.1-9) Chapter 1: Population Change (pp. 13-44)	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 closing dates in your calendar.

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Accessing demographic data	Chapter 2: Population Growth and Decline (pp. 45-75). Chapter 3: Age-Sex Composition (pp. 76-115)	

Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Basic demographic measures Chapter 4: Comparing Populations (pp.119-143)

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Graphing demographic data	Chapter 5: Demographic Writing (pp. 150-175)	Quiz 1 cuts off

Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
The demography of health and health care	Chapter 6: Mortality and Health (pp. 179-219)	Quiz 2 cuts off

Vacation Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 16 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
The changing families and characteristics of population	Chapter 7: Fertility and the Family (pp. 220-261)	Quizzes 3 and 4 cut off

Week 7 - 23 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
The Australian census of population and housing	Chapter 8: Life Tables (pp. 265-299)	Quizzes 4 and 5 cut off Written Assessment Due: Week 7 Friday (27 Apr 2018) 11:45 pm AEST

Week 8 - 30 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Population estimates and small area surveys	Chapter 9: Stable and Stationary Models (pp.300-338)	Quiz 6 cuts off

Week 9 - 07 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mapping demographic data	Chapter 10: Population Distribution (pp. 342-382)	Quiz 7 and 8 cut off

Week 10 - 14 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Patterns and trends in migration	Chapter 11: Migration (pp. 384-426)	Quiz 9 and 10 cut off

Week 11 - 21 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Population projections	Chapter 12: Population Projections and Estimates (pp. 429-468)	Quiz 11 cuts off.

Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Towards sustainable populations	Chapter 13: Population Composition (pp. 469-503)	Quiz 12 cuts off.

Review/Exam Week - 04 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
		Written Assessment Due: Review/Exam Week Wednesday (6 June 2018) 11:45 pm AEST

Exam Week - 11 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 Written Assessment

Assessment Type

Written Assessment

Task Description

Collecting data from Australian Bureau of Statistics and using that data to write a paper that:

- (a) presents and discusses some basic demographic measures for defined populations; and
- (b) presents and discusses age-gender pyramids for those populations.

Detailed information, guides and requirements for the paper will be provided in the Moodle site of the unit.

Assessment Due Date

Week 7 Friday (27 Apr 2018) 11:45 pm AEST

Return Date to Students

Week 9 Friday (11 May 2018)

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 will be 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 and use data of the Australian Bureau of Statistics and write a paper that:

- (a) presents and discusses a choropleth map of population change for defined populations;
- (b) presents and discusses population projections for a defined population; and
- (c) describes and discusses the social demography of that defined population.

Assessment Due Date

Review/Exam Week Wednesday (6 June 2018) 11:45 pm AEST

Return Date to Students

The marked assessment will be returned as soon as practicable.

Weighting

40%

Assessment Criteria

The papers will be evaluated on the basis of the quantity and quality of the research and analysis that has gone into the project, and on the effectiveness of the written communication of that research.

Detailed assessment criteria for the assessment will be provide 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 12 Online Workbook Activities ('online quizzes'). Each OWA (quiz) consists of 10 multiple-choice questions, and for each question, you need to select the best response.

Number of Quizzes

12

Frequency of Quizzes

Weekly

Assessment Due Date

All online quizzes will be available from Monday of the first week. Quizzes will be cut off in different week during the term. Each 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