DEM 127
Demographic Fundamentals
E2 2012
Marketing and Management

Contents

General Information .................................................................................................................. 2
Learning Outcomes .................................................................................................................. 3
Assessment Tasks .................................................................................................................... 3
Delivery and Resources ............................................................................................................ 7
Unit Schedule .......................................................................................................................... 9
Policies and Procedures .......................................................................................................... 10
Graduate Capabilities ............................................................................................................. 12

Disclaimer
Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.
## General Information

### Unit convenor and teaching staff

**Unit Convenor**  
Salut Muhidin  
[salut.muhidin@mq.edu.au](mailto:salut.muhidin@mq.edu.au)  
Contact via salut.muhidin@mq.edu.au  
E4A-624  
Monday, 11.0am-1.0pm

**Lecturer (E2)**  
Bruce Gregor  
[bruce.gregor@mq.edu.au](mailto:bruce.gregor@mq.edu.au)  
Contact via bruce.gregor@mq.edu.au

### Credit points

3

### Prerequisites


### Corequisites


### Co-badged status


### Unit description

Population change, whether at the global, national, local, industry or workplace level, has wide-ranging implications for contemporary society and for businesses. This unit introduces students to the analysis of populations and provides a platform of knowledge and skills for further studies in the field of demography. It is suitable for students from a wide range of backgrounds. The main objective is to introduce students to the analysis of changes in population size and composition. The patterns of fertility, mortality and migration in Australia and other countries are described, and their implications for population size and composition outlined. The main sources of demographic data and the main techniques for analysing population change are introduced. Practical applications of demography in the public sector and the private sector are discussed. In addition to developing a knowledge of the basic elements of demography, the unit assists students in developing skills in note taking, accessing and analysing data, problem solving and critical thinking.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at [http://students.mq.edu.au/student_admin/enrolmentguide/academicdates/](http://students.mq.edu.au/student_admin/enrolmentguide/academicdates/)
Learning Outcomes

1. Demonstrating an ability to define and explain basic demographic concepts.
2. Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
3. Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
4. Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
5. Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
6. Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
7. Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignment 1</td>
<td>20%</td>
<td>Week 7</td>
</tr>
<tr>
<td>Class Test</td>
<td>15%</td>
<td>Week 8</td>
</tr>
<tr>
<td>Assignment 2</td>
<td>25%</td>
<td>Week 11</td>
</tr>
<tr>
<td>Final Examination</td>
<td>40%</td>
<td>University Examination Period</td>
</tr>
</tbody>
</table>

Assignment 1

Due: Week 7
Weighting: 20%

This assignment is designed to help students to progress towards the learning outcomes through practising what they have learned in the lectures and tutorials in Week 1 to Week 6. It is used to assess the quality of students understanding. It involves calculations, case studies, and interpretations of demographic measures/indicators.
**Submission**: Submission of the hardcopy assignment to tutor at tutorial time in Week 6. The electronic copy should be submitted through "turn-it-in" at iLearn.

**Extension**: In special circumstances, an extension request to timeline for submission may be granted if (a) satisfactory evidence of unavoidable disruption is presented; and (b) the request is made few days before the due date.

**Penalties**: For late submission, unless an extension has been granted, penalties are losing of 10% marks for each day late. Penalties for plagiarism can be severe as the assignments must be undertaken independently.

**What is required to complete the unit satisfactorily**: Students are expected to complete all tasks as instructed in the assignment sets.

This Assessment Task relates to the following Learning Outcomes:

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
- Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.

**Class Test**

**Due**: **Week 8**  
**Weighting**: **15%**

**Submission**: The class test will be conducted in class, so the submission will be done in class to lecturer in charge.

**Extension**: Students who miss a class test due to unavoidable disruption are advised to contact the convenor at the earliest possible opportunity. It such cases, a supplementary test may be granted if suitable support documentation is presented and the student has a satisfactory record of attendance.

**Penalties**: Penalties for copying other works will be severe.

**What is required to complete the unit satisfactorily**: Students are expected to complete all tasks instructed in the test.

This Assessment Task relates to the following Learning Outcomes:
• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
• Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
• Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assignment 2
Due: Week 11
Weighting: 25%

This assignment is designed to help students to progress towards the learning outcomes through practising what they have learned in the lectures and tutorials in Week 6 to Week 10. It is used to assess the quality of students understanding. It involves calculations, case studies, and interpretations of demographic measures/indicators.

Submission: Submission of the hardcopy assignment to tutor at tutorial time in Week 11. The electronic copy should be submitted through "turn-it-in" at iLearn.

Extension: In special circumstances, an extension request to timeline for submission may be granted if (a) satisfactory evidence of unavoidable disruption is presented; and (b) the request is made few days before the due date.

Penalties: For late submission, unless an extension has been granted, penalties are losing of 10% marks for each day late. Penalties for plagiarism can be severe as the assignments must be undertaken independently.

What is required to complete the unit satisfactorily: Students are expected to complete all tasks as instructed in the assignment sets.

This Assessment Task relates to the following Learning Outcomes:
• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.

Final Examination
Due: University Examination Period
Weighting: 40%

Examination conditions: The duration of exam is 3 hours plus 10 minutes. It will incorporate multiple parts, including multiple choice, short answers and essays.

What is required to complete the unit satisfactorily: There is no formal requirement for students to achieve pass in the final examination in order to pass the unit. However, a relatively poor performance in the final exam may adversely affect the assessment of marginal grades.

This Assessment Task relates to the following Learning Outcomes:
• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
• Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
• Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

**Delivery and Resources**

**Classes**

For each student there will be 3 hours face-to-face teaching per week consisting of 1 x 2 hour lecture and 1 x 1 hour tutorial. Each student should attend the scheduled lecture either on Thursday afternoon (11.00-13.00) or on Thursday evening (18.00am-20.00pm) and one of the scheduled tutorials per week.

The timetable for classes can be found on the University web site at:

[http://www.timetables.mq.edu.au/](http://www.timetables.mq.edu.au/)

Students who wish to change tutorial classes must request permission from the Convenor.

Attendance will be taken in all the tutorials and in some of the lectures. When lecture attendance is not possible, it is your responsibility to ensure that you listen to and prepare notes based on the recorded iLectures.

Please bring a calculator, lecture notes and the textbook to all tutorials. Please note that there will be no tutorials in the first week of this semester.

Students are expected to arrive on time, certainly before five minutes past the hour, and not to leave until the class ends. If you have any recurring problem that makes you late (or forces you to leave early), please have the courtesy to discuss this with your lecturer/tutor. Students are expected to be quiet during lectures unless, of course, class participation is required. Mobiles should be turned off during classes; not simply set to "silent".

**Prizes**

A prize from “The Macquarie University Marketing and Management Prizes” will be awarded to a student who has the highest proficiency in this unit.

**Required and Recommended Texts and/or Materials**


or

- A.H. Pollard, Farhat Yusuf and G.N. Pollard, *Demographic Techniques* (third edition, 1990). This text is currently out of print. However, copies of the sections relevant to this unit (Chapters 1-6 and 8) have been placed, with the authors’ permission, on the Macquarie University library e-reserve page [http://www.lib.mq.edu.au/reserve/](http://www.lib.mq.edu.au/reserve/)

**Other Useful Sources of Information**

[http://unitguides.mq.edu.au/unit_offers/38279/unit_guide/print](http://unitguides.mq.edu.au/unit_offers/38279/unit_guide/print)
- Parr, N.J. and Farhat Yusuf *A Workbooklet in the Elements of Demography* (available via the DEM127 webpage or from the library e-reserve webpage http://www.lib.mq.edu.au/reserve/) includes many data analytic exercises that should help students to prepare for tutorials, class tests and the final examination.

A list of other useful references may be accessed from the DEM127 page on the Macquarie University Online Learning@ MQ Facility http://ilearn.mq.edu.au

**Overheads and Note-taking** Copies of a selection of the overheads shown in lectures will be made available via Online Learning @ MQ http://ilearn.mq.edu.au

**Technology Used and Required**
- Students are expected to be familiar with the use of basic office software (i.e. word processing, spreadsheet, and power point) and the use of iLearn-Online Learning @MQ http://ilearn.mq.edu.au.
- iLectures: Lectures will be recorded using the iLectures system. Whilst the iLectures may provide an additional resource, students are advised that no guarantees are given in relation to the availability or quality of the sound recordings or the functioning of any related websites or links to files of recordings of lectures. Students are expected to attend the lectures on a regular basis and to compile notes during the course of the lectures. Thus any failing of the iLectures will not be accepted as grounds for appeal.

**Unit Web Page**

Students may access unit material online through the Macquarie University Online Learning Facility http://ilearn.mq.edu.au using your Student ID Number and your Online Learning @ MQ password. A link to this facility, along with a limited range of other course materials, is also available via: http://www.bus.mq.edu.au/undergraduate/units/DEM_units/dem127_elements_of_demography

Information about the Demography Program is at: http://www.businessandeconomics.mq.edu.au/undergraduate_degrees/business_economics_degrees_by_name/demography

**Learning and Teaching Activities**

The unit consists of the provision of information in the weekly two-hour lecture on Thursday and a specified weekly one-hour tutorial (starting week two). It is expected that students will attend the weekly lecture and tutorial on a regular basis and will take additional notes during the lectures.
Copies of overhead slides for each topic will be provided via Moodle-Online Learning @MQ http://ilearn.mq.edu.au. It is recommended students print a copy of the slides beforehand and bring it to the lecture.

In addition to the time spent attending lectures and tutorials and doing assignments, each student is expected to spend a significant amount of time preparing for lectures and tutorials, updating lecture notes, reading the demographic literature, learning the key definition and formulae, attempting exercises from the textbook, tutorial works, past class tests and exam papers, and revising for tests and exams (12 hours per week is recommended). Students are also encouraged to follow developments in the Australian population and the population debates which are reported in the media.

**Changes from Previous Year**

The assessment structures and weighting have changed, see detail in the assessment tasks.

### Unit Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Tutorials &amp; Assignments</th>
</tr>
</thead>
</table>
| 1    | 1. Introduction to demography  
     | 2. Population pyramids | No tutorial |
| 2    | 1. World population growth  
     | 2. Marriage and family in Australia | Tutorial 1 |
| 3    | 1. Population distribution and internal migration  
     | 2. International migration in Australia | Tutorial 2  
     | Assignments given |
| 4    | 1. Sources of demographic data  
     | 2. Measures of the growth, size and age-sex distribution of populations | Tutorial 3 |
| 5    | 1. Crude and specific rates  
<pre><code> | 2. Computation of life tables I | Tutorial 4 |
</code></pre>
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Topics</th>
<th>Tutorial</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
<td>1. Computation of life tables II</td>
<td>Tutorial 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Uses of life tables</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>1. Measurement of fertility</td>
<td>Tutorial 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Fertility trends and differentials in Australia</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mid-Semester Break</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td><strong>Class Test</strong></td>
<td>Tutorial 7</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>1. Measurement of mortality and standardisation</td>
<td>Tutorial 8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Mortality trends and differentials in Australia</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Population projections I and II</td>
<td>Tutorial 9</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td><strong>Demography of Australia’s Indigenous population</strong></td>
<td>Tutorial 10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assignment 2 due</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td><strong>Uses of demography in the public and the private sectors</strong></td>
<td>Tutorial 11</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td><strong>Conclusion: Exam format &amp; unit evaluation</strong></td>
<td>Tutorial 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Review Final Exam</td>
<td></td>
</tr>
</tbody>
</table>

### Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](http://www.mq.edu.au/policy/docs/). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- **Special Consideration Policy** [http://www.mq.edu.au/policy/docs/special_consideration/policy.html](http://www.mq.edu.au/policy/docs/special_consideration/policy.html)

In addition, a number of other policies can be found in the [Learning and Teaching Category](http://www.mq.edu.au/policy/docs/) of Policy Central.
Academic Honesty
The nature of scholarly endeavour, dependent as it is on the work of others, binds all members of the University community to abide by the principles of academic honesty. Its fundamental principle is that all staff and students act with integrity in the creation, development, application and use of ideas and information. This means that:

- all academic work claimed as original is the work of the author making the claim
- all academic collaborations are acknowledged
- academic work is not falsified in any way
- when the ideas of others are used, these ideas are acknowledged appropriately.

Further information on the academic honesty can be found in the Macquarie University Academic Honesty Policy at [http://www.mq.edu.au/policy/docs/academic_honesty/policy.html](http://www.mq.edu.au/policy/docs/academic_honesty/policy.html)

Grades
Macquarie University uses the following grades in coursework units of study:

- HD - High Distinction
- D - Distinction
- CR - Credit
- P - Pass
- F - Fail

Grade descriptors and other information concerning grading are contained in the Macquarie University Grading Policy which is available at:


Grading Appeals and Final Examination Script Viewing
If, at the conclusion of the unit, you have performed below expectations, and are considering lodging an appeal of grade and/or viewing your final exam script please refer to the following website which provides information about these processes and the cut off dates in the first instance. Please read the instructions provided concerning what constitutes a valid grounds for appeal before appealing your grade.


Special Consideration Policy
The University is committed to equity and fairness in all aspects of its learning and teaching. In stating this commitment, the University recognises that there may be circumstances where a student is prevented by unavoidable disruption from performing in accordance with their ability. A special consideration policy exists to support students who experience serious and unavoidable
disruption such that they do not reach their usual demonstrated performance level. The policy is available at:

http://www.mq.edu.au/policy/docs/special_consideration/policy.html

Student Support

Macquarie University provides a range of Academic Student Support Services. Details of these services can be accessed at: http://students.mq.edu.au/support/.

**UniWISE provides:**

- Online learning resources and academic skills workshops [http://www.mq.edu.au/learning_skills/](http://www.mq.edu.au/learning_skills/)
- Personal assistance with your learning & study related questions.
- The Learning Help Desk is located in the Library foyer (level 2).
- Online and on-campus orientation events run by Mentors@Macquarie.

Student Enquiry Service

Details of these services can be accessed at [http://www.student.mq.edu.au/ses/](http://www.student.mq.edu.au/ses/).

Equity Support

Students with a disability are encouraged to contact the [Disability Support Unit](http://www.mq.edu.au/disability_support/) who can provide appropriate help with any issues that arise during their studies.

IT Help

If you wish to receive IT help, we would be glad to assist you at [http://informatics.mq.edu.au/help/](http://informatics.mq.edu.au/help/).

When using the university’s IT, you must adhere to the [Acceptable Use Policy](http://www.mq.edu.au/policy/docs/acceptable_use/policy.html). The policy applies to all who connect to the MQ network including students and it outlines what can be done.

**Graduate Capabilities**

**Creative and Innovative**

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

**Learning outcomes**

- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.

Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.

Assessment tasks

- Assignment 1
- Assignment 2

Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

Learning outcomes

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
- Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
- Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
- Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assessment tasks

- Assignment 1
- Class Test
Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation’s historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives; they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

**Learning outcomes**

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
- Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
- Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.

**Assessment tasks**

- Assignment 1
- Assignment 2

**Problem Solving and Research Capability**

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:
Learning outcomes

• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
• Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
• Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assessment tasks

• Assignment 1
• Class Test
• Assignment 2
• Final Examination

Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcomes

• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
• Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
• Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assessment tasks
• Assignment 1
• Class Test
• Assignment 2
• Final Examination

Socially and Environmentally Active and Responsible
We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

This graduate capability is supported by:

Learning outcomes
• Demonstrating an ability to define and explain basic demographic concepts.
• Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
• Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.

**Assessment tasks**

- Assignment 1
- Class Test
- Assignment 2
- Final Examination

**Discipline Specific Knowledge and Skills**

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

**Learning outcomes**

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
- Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
- Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
- Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.
Assessment tasks

- Assignment 1
- Class Test
- Assignment 2
- Final Examination

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an ability to use basic demographic techniques to calculate demographic measures and to interpret the results of such calculations.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
- Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
- Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

Assessment tasks

- Assignment 1
- Assignment 2
- Final Examination

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to
handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

**Learning outcomes**

- Demonstrating an ability to define and explain basic demographic concepts.
- Demonstrating an awareness of the ranges of demographic data which may be obtained from the main sources and of the strengths and limitations of such data through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of change in the population size and composition in Australia and in other regions of the World through writing short essays and answering short answer questions.
- Demonstrating a knowledge and an understanding of the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques, writing short essays and answering short answer questions.
- Developing a knowledge and a sense of the importance of the uses of demography in public and private sectors through writing short essays.
- Demonstrating an ability to compile notes and to use them by writing short essays on relevant demographic topics under examination conditions.

**Assessment tasks**

- Assignment 1
- Class Test
- Assignment 2
- Final Examination