ALLH11009 *Research Methods for Health Professionals*
Term 1 - 2019

All details in this unit profile for ALLH11009 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

This introductory unit is designed to equip emerging Health professionals with essential research and study skills. In this unit you will identify the strengths and weaknesses of research designs and methodologies, and learn how to critically evaluate information from a variety of sources. You will also conduct a systematic information search of health-related literature, use bibliographic software, enhance your academic writing skills and select, analyse and interpret statistics.

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 - 2019

- Online
- Rockhampton

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: 60%
2. **Online Test**
Weighting: 20%
3. **Online Test**
Weighting: 20%

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.

Unit Learning Outcomes

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

1. Evaluate and summarise information from a variety of sources within the health setting
2. Use effective search strategies to conduct a systematic information search of health-related literature
3. Identify the strengths and limitations of a variety of research designs and research methodologies used by Health professionals
4. Select, analyse and interpret basic statistical tests frequently used by Health professionals

N/A

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 - Written Assessment - 60%	●	●	●	●
2 - Online Test - 20%	●		●	
3 - Online Test - 20%				●

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 - Written Assessment - 60%	•	•	•	•		•		•		
2 - Online Test - 20%	•	•	•	•		•				
3 - Online Test - 20%	•	•	•	•		•		•		

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)
- Microsoft Excel

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition (APA 6th edition)](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Melanie Hayman Unit Coordinator
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Schedule

Week 1: Using Critical Thinking to sort through Information - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 2: Database Searches - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 3: EndNote - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 4: Referencing and Plagiarism - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 5: Half Way Check Point - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

		Online Content Quiz 1 Open: Week 5 Monday (8 April 2019) 9.00am AEST Closes: Break Week Monday (15 April 2019) 9.00am AEST

Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 6: Introduction to Research - Types of Research - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 7: Introduction to Research - Research Designs - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 8: Introduction to Research - Data Analysis - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 9: Introduction to Research - Statistics - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Online Content Quiz 2 Open: Week 9 Monday (13 May 2019) 9.00am AEST Closes: Week 10 Monday (20 May 2019) 9.00am AEST

Week 10: The Art of Academic Writing - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 11: Deconstructing a Research Paper - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Online Statistical Analysis Quiz Due: Week 11 Monday (27 May 2019) 9:00 am AEST

Week 12: Review Week - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Online Content Quiz 3 Open: Week 12 Monday (3 June 2019) 9.00am AEST Closes: Exam Review Week Monday (10 June 2019) 9.00am AEST
		Survival Guide to Research Due: Week 12 Monday (3 June 2019) 9:00 am AEST

Exam Review Week - 17 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Survival Guide to Research

Assessment Type
Written Assessment

Task Description
Briefly, students will be required to develop their very own 'Survival Guide to Research' that can be used as

a valuable resource throughout their study. The guide will include details and descriptions on types of research, research methods, data collection and analysis and statistics.

Further detail, including the assessment Task Sheet and Criteria Sheet, are available on the ALLH11009 Moodle page under the '*Assessment*' tab.

Assessment Due Date
Week 12 Monday (3 June 2019) 9:00 am AEST

Return Date to Students
Exam Week Monday (17 June 2019)
Grades and feedback will be returned two weeks after submission date

Weighting
60%

Assessment Criteria

This assessment task will be graded against the following criteria:

1. Research Overview (20 marks)
2. Database and Information Search (5 marks)
3. Referencing and Plagiarism (5 marks)
4. EndNote (5 marks)
5. Types of Research (5 marks)
6. Research Methodology (5 marks)
7. Research Scenarios (5 marks)
8. Referencing (5 marks)
9. Overall Formatting, layout and presentation (5 marks)

Referencing Style

- [American Psychological Association 6th Edition (APA 6th edition)](#)

Submission
Online

Submission Instructions
Your submission must be uploaded as a single word file (doc. or docx. format)

Learning Outcomes Assessed

- Evaluate and summarise information from a variety of sources within the health setting
- Use effective search strategies to conduct a systematic information search of health-related literature
- Identify the strengths and limitations of a variety of research designs and research methodologies used by Health professionals
- Select, analyse and interpret basic statistical tests frequently used by Health professionals

Graduate Attributes

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

2 Online Content Quizzes

Assessment Type
Online Test

Task Description
Content covered throughout the semester will be assessed in a series of online content quizzes. There will be 3 online content quizzes in total.

Each quiz will consist of 30 multiple choice or true/false questions, and will be open to students for a duration of 7 days, as outlined below:

1. Online Content Quiz 1 - Opens Monday Week 5 (8 April 2019) 9am AEST, closes Monday Break Week (15 April 2019) 9am AEST
2. Online Content Quiz 2 - Opens Monday Week 9 (13 May 2019) 9am AEST, closes Monday Week 10 (20 May 2019) 9am AEST
3. Online Content Quiz 3 - Opens Monday Week 12 (3 June 2019) 9am AEST, closes Monday Exam Review Week (10 June 2019) 9am AEST

The total scores from each of the 3 online content quizzes will be tallied to determine the overall mark out of 90. The total score will then be converted to a % score out of a maximum 20%.

Further detail is available on the ALLH11009 Moodle page under the '*Assessment*' tab.

Assessment Due Date

There are three online content quizzes to complete throughout the term

Return Date to Students

Grades and feedback will be returned to students upon the closure of each quiz

Weighting
20%

Assessment Criteria
The online content quizzes will consist of multiple choice and true/false questions.

Referencing Style

- [American Psychological Association 6th Edition (APA 6th edition)](#)

Submission
Online

Submission Instructions
All Content Quizzes must be completed via Moodle

Learning Outcomes Assessed

- Select, analyse and interpret basic statistical tests frequently used by Health professionals

Graduate Attributes

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

3 Online Statistical Analysis Quiz

Assessment Type
Online Test

Task Description
This online statistical analysis quiz will test your knowledge, understanding and operational ability of basic statistical analysis skills.

Students will be required to identify the appropriate statistical analysis test, perform the analysis and interpret the results of 4 datasets. Students will then be required to use their results to answer 40 multiple choice or true/false questions.

This quiz will be open to students for a duration of 7 days. It will open Monday Week 11 (27 May 2019) at

9am AEST, and close Monday Week 12 (3 June 2019) at 9am AEST

Further detail is available on the ALLH11009 Moodle page under the '*Assessment*' tab.

Assessment Due Date
Week 11 Monday (27 May 2019) 9:00 am AEST

Return Date to Students
Week 12 Monday (3 June 2019)
Grades and feedback will be returned to students upon the closure of the quiz

Weighting
20%

Assessment Criteria

This assessment task will be graded against the following criteria.

Students ability to:

1. Identify appropriate statistical analysis to run
2. Run statistical analysis / test
3. Interpret analysis output
4. Draw conclusions from the analysis output

Students are then required to answer 40 multiple choice or true/false questions (based on the above actions).

Referencing Style

- [American Psychological Association 6th Edition (APA 6th edition)](#)

Submission
Online

Submission Instructions
This Statistical Analysis Quiz must be completed via Moodle

Learning Outcomes Assessed

- Evaluate and summarise information from a variety of sources within the health setting
- Identify the strengths and limitations of a variety of research designs and research methodologies used by Health professionals

Graduate Attributes

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