ALLH11009 *Research Methods for Health Professionals*
Term 1 - 2020

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 - 2020

- 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.

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 Have your say

Feedback

It would be beneficial to spend more time on statistics, especially when trying to understand and interpret their meaning when used and reported in journal articles.

Recommendation

It is recommended that additional time be dedicated to helping students understand statistics during the term. Further, examples of results sections from journal articles should be discussed, where attention is focused on not only the statistics used, but also on what the results mean within the context of the studies.

Feedback from Have your say

Feedback

The 'Simon Time' at the beginning of each lecture was extremely helpful as it helped students to review and reinforce their understanding of content from the previous week.

Recommendation

It is recommended that "Simon Time" continue throughout this unit as students appreciate the opportunity to review and reinforce their understanding of the content from previous weeks.

Feedback from Have your say

Feedback

The Survival Guide assessment task was fantastic for helping to develop research skills.

Recommendation

It is recommended that the Survival Guide continue as the main assessment task within this unit as it requires students to develop and demonstrate their understanding of study and research skills, which are essential for future study.

Feedback from Have your say

Feedback

Students really enjoyed the applied learning examples within this unit as they not only helped to reinforce their knowledge, but they also helped to make the unit fun, interactive and engaging.

Recommendation

It is recommended that the applied learning examples continue to be used in this unit, and that opportunities to introduce additional applied learning examples be explored for the future.

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
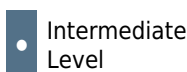
N/A

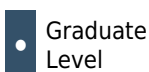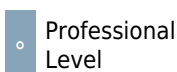# Alignment of Learning Outcomes, Assessment and Graduate Attributes
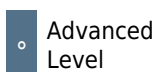
— N/A Level　○ Introductory Level　● Intermediate Level　● Graduate Level　○ Professional Level　○ Advanced Level

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)
- EndNote (free download available through MyCQU Student Portal)

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
m.j.hayman@cqu.edu.au

Schedule

Week 1: Critical Thinking - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 2: Database Searches - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 3: EndNote - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 4: Referencing and Plagiarism - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 5: Social Innovation - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Online Content Quiz 1 Open: Week 5 (6 April 2020) 9.00 am AEST Close: Week 6 (13 April 2020) 9.00 am AEST

Break Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 6: Introduction to Types of Research - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 7: Introduction to Research Methods - 27 Apr 2020		
Module/Topic	Chapter	Events and Submissions/Topic

Week 8: Introduction to Data Analysis - 04 May 2020		
Module/Topic	Chapter	Events and Submissions/Topic

Week 9: Introduction to Statistics - 11 May 2020		
Module/Topic	Chapter	Events and Submissions/Topic
		Online Content Quiz 2 Open: Week 9 (11 May 2020) 9.00 am AEST Close: Week 10 (18 May 2020) 9.00 am AEST

Week 10: The Art of Academic Writing - 18 May 2020		
Module/Topic	Chapter	Events and Submissions/Topic

Week 11: Deconstructing a Research Paper - 25 May 2020		
Module/Topic	Chapter	Events and Submissions/Topic
		Online Statistical Analysis Quiz Due: Week 11 Monday (25 May 2020) 9:00 am AEST

Week 12: Putting it all together - 01 Jun 2020		
Module/Topic	Chapter	Events and Submissions/Topic
		Online Content Quiz 3 Open: Week 12 (1 June 2020) 9.00 am AEST Close: Review Week (8 June 2020) 9.00 am AEST
		Survival Guide to Research Due: Week 12 Monday (1 June 2020) 9:00 am AEST

Term Specific Information

Weekly lectures will be delivered live (face-to-face) via the Rockhampton campus.
These lectures will also be recorded and made readily available via our ALLH11009 Moodle page for all students.
There will also be weekly 'Drop-In' sessions via Zoom to ask questions, seek understanding, discuss content etc. with the teaching team.
Links to all recordings and access to zoom sessions are located under the appropriate week on our ALLH11009 Moodle page.

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 (1 June 2020) 9:00 am AEST

Return Date to Students

Grades and feedback will be returned two weeks after submission date

Weighting
60%

Minimum mark or grade
This assessment task is a MUST PASS task. The minimum mark to pass this assessment task is 50%.

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. Social Innovation (Pass / Fail)
6. Types of Research (5 marks)
7. Research Methodology (5 marks)
8. Research Scenarios (5 marks)
9. Referencing (5 marks)
10. 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 term 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.

Each quiz will be open to students for a duration of 7 days, as outlined below:

1. Online Content Quiz 1 - Monday 6 April 2020, 9am AEST - Monday 13 April 2020, 9am AEST
2. Online Content Quiz 2 - Monday 11 May 2020, 9am AEST - Monday 18 May 2020, 9am AEST
3. Online Content Quiz 3 - Monday 1 June 2020, 9am AEST - Monday 8 June 20120, 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
Students are required to answer 30 multiple choice or true/false questions per quiz, and will be allocated 40 minutes to complete each quiz.

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

Submission Instructions
All online content quizzes 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

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 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 25 May 2020 at 9am AEST, and close Monday 1 June 2020 at 9am AEST

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

Assessment Due Date
Week 11 Monday (25 May 2020) 9:00 am AEST

Return Date to Students
Week 12 Monday (1 June 2020)
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), and will be allocated 60 minutes to complete this task.

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

- 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

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