PSIO14006 *Research Project*
Term 1 - 2021

All details in this unit profile for PSIO14006 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

In this unit you will build upon previous learning and skills in research methods by planning and conducting a supervised research project in the form of a primary study, a systematic literature review, or a service improvement project. You will be required to collaborate with your assigned research group and your main supervisor to present a research project in the form of a manuscript for a relevant peer-reviewed journal and an oral group presentation. You will learn essential research skills that will be useful in your development as an autonomous evidence-based practitioner.

Details

Career Level: *Undergraduate*
Unit Level: *Level 4*
Credit Points: *12*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

To enrol in this unit you must be enrolled in the CB85 Course and meet the following pre-requisites: ALLH12006 Evidence Based Practice for Health Professionals ALLH12007 Research Methods for Therapy or ALLH11009 Research Methods for Health ProfessionalsPSIO13002 Professional Physiotherapy Practice 1 PSIO13003 Professional Physiotherapy Practice 2

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 - 2021

- Bundaberg
- 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 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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. **Research Assignment**
Weighting: 70%
2. **Presentation**
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 Have Your Say

Feedback

Students have identified in the "Have Your Say" of previous years (2017-2018) survey that staff availability and timelines of feedback was a major strength of this unit

Recommendation

This Unit will continue to provide effective student support and timely and useful feedback.

Unit Learning Outcomes

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

1. Perform a comprehensive search and critique of published literature to identify relevant evidence on a defined research topic
2. Design and conduct a research project incorporating relevant research design theory in consideration of the ethical issues related to the research topic, the research population and the research design
3. Summarise, analyse, compare and interpret research results in an evidence based manner to draw reasoned conclusions and make further recommendations for clinical practice
4. Write a manuscript using the formatting of a subject specific academic journal and communicate and disseminate findings at conferences in poster and oral presentations.

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 - Research Assignment - 70%	•	•	•	•
2 - Presentation - 30%			•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	**2**	**3**	**4**
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Research Assignment - 70%	•	•	•	•	•	•	•	•	•	
2 - Presentation - 30%	•	•	•	•	•	•	•	•	•	

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: Vancouver
For further information, see the Assessment Tasks.

Teaching Contacts

Vanesa Bochkezanian Unit Coordinator
v.bochkezanian@cqu.edu.au

Schedule

Week 1 - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your projects and supervisors each week. Discuss with project main supervisor.	N/A	N/A

Week 2 - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your projects and supervisors each week. Discuss with project main supervisor.	N/A	N/A

Week 3 - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 5 - 05 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Vacation Week - 12 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 6 - 19 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 7 - 26 Apr 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 8 - 03 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 9 - 10 May 2021

Module/Topic	Chapter	Events and Submissions/Topic

| Content will vary depending on your project and supervisor. Discuss with project main supervisor. | N/A | N/A |

Week 10 - 17 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 11 - 24 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Week 12 - 31 May 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	N/A

Review/Exam Week - 07 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	The Presentation is due on campus (Rockhampton and Bundaberg) during week 1 or week 2 of the CQUniversity Term 2 examination period.

Exam Week - 14 Jun 2021

Module/Topic	Chapter	Events and Submissions/Topic
Content will vary depending on your project and supervisor. Discuss with project main supervisor.	N/A	The Presentation is due on campus (Rockhampton and Bundaberg) during week 1 or week 2 of the CQUniversity Term 2 examination period.

Term Specific Information

Due to COVID-19 impact at the time of preparing this unit profile, modifications to this units assessments for Term 1 2021 may need to be updated at a later date. Further details will be made available on the Unit Moodle site, if and when, modifications are required.

Assessment Tasks

1 Research Assignment

Assessment Type
Research Assignment

Task Description

The Research Assignment has two components:
- One Research Manuscript, which is a group submission
- One Scientific Poster, which is an individual submission

Research manuscript (60%, group submission)

The Research manuscript will take the form of one of the following options, as determined by the project main supervisor who will be a member of the Academic Staff: 1) Systematic Review of the literature on a predetermined topic; and 2) Research project involving data collection and/or analysis, statistical analysis, and write-up on a predetermined topic. This is a group assignment that requires you to design and complete a research study, and analyse the results to draft a manuscript suitable for publication within an academic journal (i.e. manuscript). The formatting and referencing requirements for your manuscript will reflect the author instructions for the chosen journal. The journal will be selected in consultation with your project main supervisor. A copy of the author guidelines must be submitted with your group manuscript. Physiotherapy academic staff, who are external to your project main supervisor will mark each manuscript. These marks will be moderated and the mean of the marks will represent the final mark.

Scientific Poster (10%, individual submission)

The Research Assignment will have an individually graded component worth 10% of the research assignment weighting, based on the submission of a scientific poster. Your main supervisor will mark your scientific poster.
This scientific poster will need to include the following:
1. Title
2. Authors (name credentials, institution, country)
3. Format of abstract: Introduction, Methodology, Results, Discussion and Conclusions.
 The formatting and referencing requirements for your scientific poster will reflect the conference guidelines, which are as follows:
- Poster should be done in Microsoft PowerPoint
- The entire abstract is limited to 500 words.
- Poster size should be A0
- Fonts should be no smaller than 18 pt
- Layout could be 2 columns for a "portrait" oriented poster and 3 columns for a "landscape" oriented poster
- It should include the CQUniversity logo, which will be provided on Moodle
- Vancouver style should be used for in-text references.
Please refer to the Research Assignment and Poster rubrics for further information.

Assessment Due Date

As this is a multi-term Unit this assessment item will be a deferred assessments with due dates in Term 2. The Research Assignment is due on Friday 17th September 2021 at 4:30pm.

Return Date to Students

Results and feedback will become available within 4 weeks following submission allowing students to address feedback prior to their oral presentation.

Weighting
70%

Minimum mark or grade
50%

Assessment Criteria

The assessment rubric for this task is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand. This quality framework is mapped against the CQUniversity Graduate Attributes and intended to give a holistic understanding of standards expected for the assessment task.

Research manuscript (60%, group submission)

The Research manuscript will be marked by independent members of the academic staff, external to the main supervisor. These marks will be moderated and the mean of the marks will represent the final mark. The categories that will be assessed are the following:

- Introduction (15%)
- Methodology (20%)
- Results (20%)
- Discussion and Conclusions (30%)
- Standard of academic writing, organisation/ structure/ formatting/author guidelines including abstract (15%)

Scientific poster (10%, individual submission)
The Scientific poster will be marked by your main supervisor. The categories that will be assessed are the following:

- Introduction (15%)
- Methodology (15%)
- Results (15%)
- Discussion and conclusions (15%)
- Visual presentation structure (40%)

For further information, refer to Moodle "Assessments"

Referencing Style

- [Vancouver](#)

Submission
Online Group

Learning Outcomes Assessed

- Perform a comprehensive search and critique of published literature to identify relevant evidence on a defined research topic
- Design and conduct a research project incorporating relevant research design theory in consideration of the ethical issues related to the research topic, the research population and the research design
- Summarise, analyse, compare and interpret research results in an evidence based manner to draw reasoned conclusions and make further recommendations for clinical practice
- Write a manuscript using the formatting of a subject specific academic journal and communicate and disseminate findings at conferences in poster and oral presentations.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

2 Conference presentation

Assessment Type
Presentation

Task Description
Conference presentation has two components:

- One 3-Minute Oral Presentation, which is an individual submission
- One Conference Presentation, which is a group submission

3-Minute Oral Presentation (individual component 5%):

- This assessment will also require the presentation of a 3-Minute Oral Presentation. This is an individual component, which will be presented to your main supervisor between the following dates: **Monday 10th May 2021- Friday 4th June 2021.**
- Your main supervisor will schedule the date and time with you.

Conference Presentation (oral group presentation 25%):

- You will present the findings of your research to peers, academic staff, clinicians and members of the community in the form of a conference presentation (oral group presentation) of 15 minutes duration, excluding question time.
- All members of the group are required to present for an equivalent duration (for example in a group of 4 students, each member will present between 3 and 4 minutes).

- This presentation will include the following sections: Introduction, Methodology, Results, Discussion and Conclusions.
- The date of this group presentation will be scheduled during on **Friday 15th October 2021 at 8am** and all students must attend **in person** at their corresponding campus (ROK or BDG).

For further information refer to Moodle "Assessments".

Assessment Due Date

Dates for 3-Minute Oral Presentation to be arranged with main supervisor. Deadline for 3-Minute Oral Presentation (individual component): 4th June, 2021 5 pm. Group presentation will be scheduled on Friday 15th October at 8 am.

Return Date to Students

Results and feedback will become available after 2 weeks of the Presentation date.

Weighting
30%

Assessment Criteria
The assessment rubric for this task is based on the Physiotherapy Practice Thresholds in Australia and Aotearoa New Zealand. This quality framework is mapped against the CQUniversity Graduate Attributes and intended to give a holistic understanding of standards expected for the assessment task. The Presentation will be marked by independent members of the academic staff. These marks will be moderated and the mean of the marks will represent the final mark. The total weighting of this assessment is 30% of the Unit total and it comprises the 3-Minute Oral Presentation, which is the individual component (5%) and the Conference Presentation, which is the oral group presentation (25%).
3-Minute Oral Presentation (individual component 5%):
The following categories will be assessed:

- Comprehension and content (50%)
- Engagement and communication (50%)

Conference presentation (oral group presentation 25%):
The following categories will be assessed:

- Visual (20%)
- Organisation and structure (20%)
- Methodology and results (20%)
- Research purpose and key messages (25%)
- Grammar and referencing (5%)
- Engagement and communication (10%)

For further information refer to Moodle "Assessments".

Referencing Style

- [Vancouver](#)

Submission
Online Group

Submission Instructions
All groups will be required to submit an electronic copy of their presentation slides on Moodle 24 hours prior to the formal presentation in the template format uploaded on Moodle.

Learning Outcomes Assessed

- Summarise, analyse, compare and interpret research results in an evidence based manner to draw reasoned conclusions and make further recommendations for clinical practice
- Write a manuscript using the formatting of a subject specific academic journal and communicate and disseminate findings at conferences in poster and oral presentations.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

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