



# PSIO14006 Research Project

## Term 1 - 2020

Profile information current as at 26/04/2024 07:24 am

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 Professionals PSIO13002 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 - 2020

- 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](#).

## 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



### 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	•	•	•	•
3 - Critical Thinking	•	•	•	•
4 - Information Literacy	•	•	•	•
5 - Team Work	•	•	•	•
6 - Information Technology Competence	•	•	•	•
7 - Cross Cultural Competence	•	•	•	•
8 - Ethical practice	•	•	•	•
9 - Social Innovation			•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
<b>10 - Aboriginal and Torres Strait Islander Cultures</b>				

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
<b>1 - Research Assignment - 70%</b>	•	•	•	•	•	•	•	•	•	
<b>2 - Presentation - 30%</b>	•	•	•	•	•	•	•	•	•	

## 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 styles below:

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Vanesa Bochkezanian** Unit Coordinator

[v.bochkezanian@cqu.edu.au](mailto:v.bochkezanian@cqu.edu.au)

## Schedule

### Week 1 - 09 Mar 2020

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 - 16 Mar 2020

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 - 23 Mar 2020

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 - 30 Mar 2020

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 - 06 Apr 2020

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 - 13 Apr 2020

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 - 20 Apr 2020

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 - 27 Apr 2020

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 - 04 May 2020

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 - 11 May 2020

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 - 18 May 2020

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 - 25 May 2020

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 - 01 Jun 2020

#### 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 - 08 Jun 2020

#### Module/Topic

#### Chapter

#### Events and Submissions/Topic

Content will vary depending on your project and supervisor. Discuss with project main supervisor.

N/A

All assessment items are deferred assessments with due dates in Term 2. The Research Assignment with the Poster is due Friday 25th September 2020. The Presentation is due on campus (Rockhampton and Bundaberg) during week 1 or week 2 of the CQUniversity Term 2 examination period.

### Exam Week - 15 Jun 2020

#### Module/Topic

#### Chapter

#### Events and Submissions/Topic

Content will vary depending on your project and supervisor. Discuss with project main supervisor.

N/A

All assessment items are deferred assessments with due dates in Term 2. The Research Assignment with the Poster is due Friday 25th September 2020. The Presentation is due on campus (Rockhampton and Bundaberg) during week 1 or week 2 of the CQUniversity Term 2 examination period.

## 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. To minimise bias in the marking process, two physiotherapy academic staff, external to your project main supervisor will mark each manuscript. These marks will be moderated and the mean of the two 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 assessment items are deferred assessments with due dates in Term 2. The Research Assignment is due Friday 25th September 2020 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 two independent members of the academic staff, external to the main supervisor. These marks will be moderated and the mean of the two 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%)

### **Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [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 (oral group presentation):

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 be timetabled to fit in with the availability of students, supervisors, as well as academic staff not associated with the project who will mark the presentation. This presentation will include the following sections: Introduction, Methodology, Results, Discussion and Conclusions.

### **Assessment Due Date**

As this is a multi-term unit all assessment items are deferred assessments with due dates in Term 2. The Presentation will occur on Term 2 stander exam period.

### **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 two independent members of the academic staff. These marks will be moderated and the mean of the two marks will represent the final mark.

**Conference presentation (30%):**

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%)
- Individual communication from presentation (10%)

**Referencing Style**

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