



# PSIO14006 Research Project

## Term 1 - 2024

Profile information current as at 29/04/2024 06:19 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 related to research methods, by planning and conducting a supervised group research project. You will be required to collaborate with your assigned research group to deliver a primary study, a systematic literature review, or a service improvement initiative. You will submit an individual manuscript using the structure of an academic journal, and you will collaborate to design and deliver a group oral 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: ALLH11009 Research Methods for Health Professionals ALLH12006 Evidence Based Practice 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 - 2024

- 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. **Electronic Focused Interactive Learning (eFIL)**

Weighting: Pass/Fail

#### 2. **Online Quiz(zes)**

Weighting: 10%

#### 3. **Research Assignment**

Weighting: 65%

#### 4. **Group Work**

Weighting: 25%

### 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 SUTE

**Feedback**

CAT content: Continue with the informative videos regarding the CAT analysis - these were found extremely beneficial!

**Recommendation**

It is recommended that CAT videos continue to be delivered in future offerings of this unit.

#### Feedback from SUTE

**Feedback**

CAT instruction: Only evaluating CAT - found very little instruction and expectations on what was required for the CAT.

**Recommendation**

It is recommended that the CAT content and length of videos be reviewed.

#### Feedback from SUTE

**Feedback**

Supervisor support: There was little support for the variety of groups. Individual supervisors were equally confused on the expectations however very supportive.

**Recommendation**

It is recommended that support provided to supervisors and students be reviewed. It is recommended that expectations for CAT are clearly stipulated and communicated to supervisors and students.

## Unit Learning Outcomes

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

1. Demonstrate knowledge of fundamental research concepts related to qualitative and/or quantitative research.
2. Perform a comprehensive search and critique of published academic literature to identify relevant evidence on a defined research topic.
3. Design and conduct a research project incorporating relevant research design theory and data analysis, and in consideration of the ethical issues related to the research topic and the research population.
4. Write an individual manuscript using the format of an academic journal and effectively and professionally communicate research findings in a variety of formats and in a manner suitable for the intended audience.

The learning outcomes in PSIO14006 are linked to the Australian Physiotherapy Council's "Accreditation standard for entry-level physiotherapy practitioner programs (December 2016)"; Domain 3: *Program of study*; Standard statement: *Program design, delivery and resourcing enable students to achieve the required professional attributes and competencies*; Criteria 3.5: *Graduates are competent in research literacy for the level and type of the program.*

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Electronic Focused Interactive Learning (eFIL) - 0%	•			
2 - Online Quiz(zes) - 10%	•			
3 - Research Assignment - 65%		•	•	•
4 - Group Work - 25%		•	•	•

### 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				

## 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 Office (Word, Excel, PowerPoint)
- EndNote (bibliographical software). You MUST use EndNote bibliographic software to format your references for the dissertation. This software is available to all students and is available for Windows and Mac users.
- Qualtrics (may be needed for surveys and thematic analysis)
- SPSS 20.0 or greater (may be required for data analysis)
- Jamovi (free statistics analysis program) or other statistics software (may be needed for data analysis)

## Referencing Style

**All submissions for this unit must use the referencing styles below:**

- [Harvard \(author-date\)](#)
- [Vancouver](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Sean Ledger** Unit Coordinator  
[s.j.ledger@cqu.edu.au](mailto:s.j.ledger@cqu.edu.au)

## Schedule

### Week 1 - 04 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none"><li>• Introduction to Research Project (Online Pre-recorded Lecture)</li><li>• Lecture 1 (Online Pre-recorded Lecture)</li></ul>	Refer to the Unit Moodle site for prescribed readings and resources.	

### Week 2 - 11 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none"><li>• Lecture 2 (Online Pre-recorded Lecture)</li></ul>	Refer to the Unit Moodle site for prescribed readings and resources.	

### Week 3 - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none"><li>• Lecture 3 (Online Pre-recorded Lecture)</li></ul>	Refer to the Unit Moodle site for prescribed readings and resources.	

### Week 4 - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
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- Lecture 4 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Week 5 - 01 Apr 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Lecture 5 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Vacation Week - 08 Apr 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

This is a great time to catch up on all your study and prepare for the end of term test.

#### Week 6 - 15 Apr 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Lecture 6 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Week 7 - 22 Apr 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Lecture 7 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Week 8 - 29 Apr 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Lecture 8 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Week 9 - 06 May 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Lecture 9 (Online Pre-recorded Lecture)

Refer to the Unit Moodle site for prescribed readings and resources.

#### Week 10 - 13 May 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Research Project Topics Released
- Group formation and preference listing of topics

Refer to the Unit Moodle site for prescribed readings and resources.

You will form groups of 3-4 students and prioritise your preferences for topics. Please refer to the unit Moodle site for the information related to this weeks activities as it will require attending a live and in person, group Zoom meeting (~6-7pm).

#### Week 11 - 20 May 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Research Projects and Supervisors released
- Revision Week 1

Refer to the Unit Moodle site for more information.

This is a great time to catch up on all your study and prepare for the end of term test.

#### Week 12 - 27 May 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

- Revision Week 2

Refer to the Unit Moodle site for more information.

**Electronic Focused Interactive Learning (eFIL) - online, pre-recorded lectures** Due: Week 12 Monday (27 May 2024) 11:45 pm AEST

#### Review/Exam Week - 03 Jun 2024

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

Assessment 1 - End-term Online Test (10%)

Refer to the Unit Moodle site for more information.

End-term Online Test (10%)

**End of Term Online Test** Due: Review/Exam Week Friday (7 June 2024) 9:00 pm AEST

### Exam Week - 10 Jun 2024

Module/Topic

Chapter

Events and Submissions/Topic

## Term Specific Information

PSIO14006 Research Project is a 12 credit point unit and spans Term 1 and Term 2. In Term 1 you will watch pre-recorded lectures directly related to helping you develop your research project and guide your submission of an individual dissertation. You will be able to meet with your research supervisor in Week 11 to discuss the project. In Term 2 you will complete a group research project and then draft and submit an individual dissertation. Due to COVID-19 impact at the time of preparing this Moodle site, modifications to this units assessments for Term 1 and Term 2 2024 may need to be updated at a later date. Further details will be made available if and when, modifications are required.

## Assessment Tasks

### 1 Electronic Focused Interactive Learning (eFIL) - online, pre-recorded lectures)

#### Assessment Type

Electronic Focused Interactive Learning (eFIL)

#### Task Description

- **Weighting:** Completion of the EFIL will contribute to 0% of the total unit grade (PASS/FAIL).
- **Conditions:** You must watch up to 12 pre-recorded lectures (30-60 min duration) on research related topics that will be examined in Term 1, Assessment Week 1. These lectures will also help you in the development of your research project and drafting of your dissertation.

#### Assessment Due Date

Week 12 Monday (27 May 2024) 11:45 pm AEST

These lectures are mandatory to watch and can be completed in your own time between Week 1 - Week 12 of Term 1.

#### Return Date to Students

#### Weighting

Pass/Fail

#### Minimum mark or grade

PASS/FAIL

#### Assessment Criteria

Completion of the Electronic Focused Interactive Learning (eFIL) will be tracked in Echo360, and graded as PASS/FAIL.

#### Referencing Style

- [Harvard \(author-date\)](#)
- [Vancouver](#)

#### Submission

No submission method provided.

#### Submission Instructions

You must have watched all Electronic Focused Interactive Learning (eFIL) activities to pass this unit.

#### Learning Outcomes Assessed

- Demonstrate knowledge of fundamental research concepts related to qualitative and/or quantitative research.

## 2 End of Term Online Test

### Assessment Type

Online Quiz(zes)

### Task Description

This online test has been designed to assess your knowledge of key research topics. This assessment may consist of short-answer questions, true/false, multiple choice and multiple selection questions based on all content covered in this unit from Term 1, Weeks 1-10, including lectures, resources and readings.

**Weighting:** This test will contribute to 10% of the total unit grade.

**Conditions:** This online test will consist of up to 60 questions, worth a total of 90 marks, and will have a time limit of 90-mins. The open book online test will be delivered via Moodle. You do not need to be on campus to complete the test. You can complete the assessment on your home computer or campus computer.

### Number of Quizzes

1

### Frequency of Quizzes

Other

### Assessment Due Date

Review/Exam Week Friday (7 June 2024) 9:00 pm AEST

Via Moodle: opens at 8:00am and closes at 9:00pm

### Return Date to Students

Results will be returned to students within 1-week of completion of the test.

### Weighting

10%

### Minimum mark or grade

The total weighting of the online quiz is 10% of the unit total.

### Assessment Criteria

All questions will be marked numerically and an overall percentage mark will be awarded.

### Referencing Style

- [Harvard \(author-date\)](#)
- [Vancouver](#)

### Submission

Online

### Submission Instructions

You must complete this test to pass this unit.

### Learning Outcomes Assessed

- Demonstrate knowledge of fundamental research concepts related to qualitative and/or quantitative research.

## 3 Dissertation (Individual Research Project Assignment)

### Assessment Type

Research Assignment

### Task Description

#### Dissertation (Research Project Assignment)

- You will be allocated and assigned a group research project topic by the Unit Coordinator in Term 1 2024.
- You will meet with your assigned research supervisor who will agree the type of project you and your group will undertake in Term 2 2024.
- This may be a systematic review **OR** a study that may involve data collection, data analysis and synthesis and discussion of the results **OR** analysis of pre-collected data.
  - **Topics areas will be related to:** *cardiorespiratory, musculoskeletal, neurological and health economics.*
- As a group you will complete all components of the research project as is determined by your research supervisor.
- You will draft and submit an individual dissertation in the format similarly required of an academic journal (full details are on the unit Moodle site) and based on the findings of your group project.
- The dissertation must be submitted as a Microsoft Word document (.docx), with a maximum word count of 3000 (excluding tables, figures and reference list).



- EndNote Reference Manager must be used for citation and reference listing. A numbered style such as Vancouver must be used for referencing.
- The dissertation will be marked and moderated by members of the physiotherapy academic team.

### **Assessment Due Date**

Individual dissertations must be submitted by 09:00 Monday 23rd September 2024.

### **Return Date to Students**

Results and feedback will be made available within 2 weeks of submission of the dissertation.

### **Weighting**

65%

### **Minimum mark or grade**

The total weighting of the dissertation is 65% of the unit total.

### **Assessment Criteria**

The dissertation will be marked and moderated by members of the academic staff using a rubric available on the unit Moodle site. The categories that will be assessed are: Introduction, Methodology, Results, Discussion and Conclusions. The standard of academic writing, organisation, structure, formatting, citation and referencing will also be marked.

### **Referencing Style**

- [Harvard \(author-date\)](#)
- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Submit your Microsoft Word document (.docx) using the format: StudentNo\_PSI014006\_Dissertation

### **Learning Outcomes Assessed**

- Perform a comprehensive search and critique of published academic literature to identify relevant evidence on a defined research topic.
- Design and conduct a research project incorporating relevant research design theory and data analysis, and in consideration of the ethical issues related to the research topic and the research population.
- Write an individual manuscript using the format of an academic journal and effectively and professionally communicate research findings in a variety of formats and in a manner suitable for the intended audience.

## **4 Physiotherapy Research Symposium (Group Presentation)**

### **Assessment Type**

Group Work

### **Task Description**

- As a group, you will present the findings of your research project to peers, academic staff, clinicians and members of the community in the form of an oral conference style presentation of 15-minutes duration, plus 5-minutes of question time.
- All members of the group are required to present for an equivalent duration (for example in a group of 3 students, each member will present for 5 minutes)
- This presentation must be prepared in Microsoft PowerPoint and should include the following sections: Introduction, Methodology, Results, Discussion, Conclusion/s, and Take Home Message/s.

### **Assessment Due Date**

The Physiotherapy Research Symposium must be attended in person and on campus, on Friday 18th October 2024.

### **Return Date to Students**

### **Weighting**

25%

### **Minimum mark or grade**

The total weighting of the group presentation is 25% of the unit total.

### **Assessment Criteria**

The group presentation will be marked and moderated by members of the academic staff using a rubric available on the

unit Moodle site. The categories that will be assessed are: Introduction, Methodology, Results, Discussion and Conclusions. Interaction and the dynamics of the group and your individual communication during the group presentation will also be marked.

### **Referencing Style**

- [Harvard \(author-date\)](#)
- [Vancouver](#)

### **Submission**

Online Group

### **Submission Instructions**

Submit your Microsoft PowerPoint document (.pptx) using the format: Campus\_GroupNo\_PSIO14006\_Presentation

### **Learning Outcomes Assessed**

- Perform a comprehensive search and critique of published academic literature to identify relevant evidence on a defined research topic.
- Design and conduct a research project incorporating relevant research design theory and data analysis, and in consideration of the ethical issues related to the research topic and the research population.
- Write an individual manuscript using the format of an academic journal and effectively and professionally communicate research findings in a variety of formats and in a manner suitable for the intended audience.

## 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