SAFE20022 *Safety Science Thesis 1*

Term 1 - 2019

Profile information current as at 18/05/2024 06:05 pm

All details in this unit profile for SAFE20022 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 unit is the first of two in the Safety Science Thesis suite of units. During this unit you will learn about the process of research by exploring a safety science problem in depth by developing and refining an extensive literature review, formulating a research proposal, research questions and hypothesis, and the preparation of an ethics approval application. The assignments in Thesis 1 form the basis of the research conducted in Thesis 2 which is conducted over the following term.

Details

Career Level: *Postgraduate*
Unit Level: *Level 9*
Credit Points: *12*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.25*

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

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 Postgraduate 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. **Presentation and Written Assessment**
Weighting: Pass/Fail
2. **Portfolio**
Weighting: Pass/Fail
3. **Written Assessment**
Weighting: Pass/Fail

Assessment Grading

This is a pass/fail (non-graded) unit. To pass the unit, you must pass all of the individual assessment tasks shown in the table above.

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 Student feedback

Feedback

Students appreciate the one-on-one environment in which they work to develop their research ideas with their supervision teams.

Recommendation

Continue to support students with multiple staff on each supervision team to ensure high quality, continuous supervision throughout the term.

Feedback from Coordinator and supervisor observations

Feedback

Some students have little experience with research before undertaking this unit and may benefit from additional research methods instruction.

Recommendation

Provide learning materials and/or tutorial sessions on various research-related topics including research design and methodology, data analysis, etc. in order to better support students in developing and undertaking their research projects.

Unit Learning Outcomes

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

1. Design a research study in the area of safety science.
2. Prepare and present a Research Proposal in the area of safety science.
3. Prepare an Ethics Application to support the proposed Research Proposal.

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
1 - Presentation and Written Assessment - 0%		•	
2 - Portfolio - 0%	•		
3 - Written Assessment - 0%			•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Knowledge	○	○	○
2 - Communication	○	○	○
3 - Cognitive, technical and creative skills	○	○	○
4 - Research	○	○	○
5 - Self-management	○	○	○
6 - Ethical and Professional Responsibility	○	○	○
7 - Leadership	○	○	○
8 - 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
1 - Presentation and Written Assessment - 0%	○	○	○	○	○	○	○	
2 - Portfolio - 0%	○	○	○	○	○	○	○	
3 - Written Assessment - 0%	○	○	○	○	○	○	○	

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)
- Zoom account (Free)

Referencing Style

All submissions for this unit must use the referencing style: Harvard (author-date)
For further information, see the Assessment Tasks.

Teaching Contacts

Shevaun Dell Unit Coordinator
s.dell@cqu.edu.au

Schedule

Week 1 - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Introduction to Research Methodology	Building Research Skills readings will be provided in Moodle	Unit Milestone: Setting expectations for the term ahead and discussing supervision options

Week 2 - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Defining the Research Problem	Building Research Skills readings will be provided in Moodle	Unit Milestone: First meeting with proposed supervision team

Week 3 - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Developing Aims & Objectives	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop project idea

Week 4 - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Research Design	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop project idea

Week 5 - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Unit Milestone: Meeting with supervision team to develop research proposal

Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Vacation Week		

Week 6 - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Unit Milestone: Research Proposal Presentations via Group Zoom Session

Week 7 - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Methods of Data Collection	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop research plan

Week 8 - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Data Analysis	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop research plan

Week 9 - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Ethics	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop research plan and ethics application

Week 10 - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Building Research Skills: Interpretation and Report Writing	Building Research Skills readings will be provided in Moodle	Unit Milestone: Meeting with supervision team to develop research plan and ethics application

Week 11 - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Unit Milestone: Meeting with supervision team to finalise research plan
		Research Plan Due: Week 11 Friday (31 May 2019) 11:55 pm AEST

Week 12 - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Unit Milestone: Meeting with supervision team to finalise ethics application
		Ethics Approval Documents Due: Week 12 Friday (7 June 2019) 11:59 pm AEST

Review/Exam Week - 10 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 17 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Research Proposal and Presentation

Assessment Type
Presentation and Written Assessment

Task Description
Develop a research proposal to introduce your project idea, its theoretical and conceptual background, and its potential to fill an identified gap in the literature. In week 6 you will submit this as a written proposal and share your research topic and proposal via Zoom to an audience of peers, supervisors and other academic staff.
As a guide, proposal documents of approximately 2000-3000 words are more likely to be successful.
Presentations should be aided by a visual component (typically Powerpoint slides) and should be approximately 20 minutes in length. Upload your slides to Moodle when you have completed your presentation.
Please note, as part of the assessment process, CQU may record your presentation.

Assessment Due Date

Presentation session date and time will be determined by consultation with all students and supervisors involved in this unit. Written proposals and presentation slides must be uploaded to Moodle by the end of week 6.

Return Date to Students

Feedback to be returned to students two weeks from presentation date

Weighting
Pass/Fail

Assessment Criteria
Proposals will be assessed on the following criteria:

- Clear statement of the overarching research aims and objectives
- Well-defined research questions flow logically from the aims and objectives
- Proposed project is contextualised within relevant contemporary knowledge/practices
- The need for the proposed project is established by the identification of a gap in the extant literature
- An explanation is provided for how the proposed project will address this gap, with appropriate justification
- Presentation is well-structured and uses appropriate visual aids
- Appropriate use of supporting sources that are consistent with Harvard referencing style

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Oral and PowerPoint presentation to be delivered via Zoom. Research Proposal document and presentation slides to be uploaded to Moodle.

Learning Outcomes Assessed

- Prepare and present a Research Proposal in the area of safety science.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility
- Leadership

2 Research Plan

Assessment Type
Portfolio

Task Description
Incorporating the feedback provided for your proposal, develop a full research plan for your project that you will execute in Thesis 2. Where the proposal is focussed on *why* your proposed project should be undertaken, this research plan should explain *how* it will be carried out. Consider how your proposed methodology will achieve your research aims and objectives, providing justification from the literature and/or research philosophy. Discuss any potential limitations associated with your proposed methodology.
As a guide, project plans of approximately 2000-3000 words are more likely to be successful.

Assessment Due Date
Week 11 Friday (31 May 2019) 11:55 pm AEST

Return Date to Students

Feedback will be given throughout the term by the supervision team and the unit coordinator.

Weighting
Pass/Fail

Assessment Criteria
Research Plans will be assessed on the following criteria:

- Evidence of further development of research aims, objectives and questions following the proposal presentation
- Each step of the research method is clearly outlined, including participant recruitment (where relevant), data collection and analysis
- Proposed method is suitably justified with reference to existing studies in the relevant discipline and/or research

methodology frameworks/philosophies
- Potential limitations for the proposed project are identified and mitigation strategies discussed
- Any relevant survey measures, data collection tools or questionnaires are included as an appendix
- Submission is formatted appropriately for a research plan
- Submission demonstrates Masters-level academic writing skills
- All sources are referenced properly in line with Harvard Referencing Style

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Upload your submission for this assignment as a Word document or PDF to the appropriate assessment page on Moodle.

Learning Outcomes Assessed

- Design a research study in the area of safety science.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility
- Leadership

3 Ethics Approval Documents

Assessment Type
Written Assessment

Task Description
In this simple (but integral) task, you will complete the appropriate ethics approval documents such that they are ready for submission to the CQU Human Research Ethics Committee Secretary. Your project must meet the university's requirements as a Low Risk project.

Assessment Due Date
Week 12 Friday (7 June 2019) 11:59 pm AEST

Return Date to Students

Feedback will be given throughout the term by the supervision team and the unit coordinator.

Weighting
Pass/Fail

Assessment Criteria
Satisfactory completion of the CQUniversity Human Research Ethics Committee Low Risk Ethics Application documents, such that they can be sent to the Ethics Committee Secretary for consideration. *Note that successful completion of this assessment item does not necessarily imply that Ethical Approval will be granted by the Committee.*

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Upload your submission for this assignment as a Word document or PDF to the appropriate assessment page on Moodle.

Learning Outcomes Assessed

- Prepare an Ethics Application to support the proposed Research Proposal.

Graduate Attributes

- Knowledge

- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility
- Leadership

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