



# BLAR14019 Built Environment Research Plan

## Term 2 - 2023

Profile information current as at 27/04/2024 07:16 am

All details in this unit profile for BLAR14019 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 work and learn autonomously, demonstrate professional capabilities expected of a graduating industry practitioner, formulate and adhere to a research plan, communicate progress, and prepare interim reports and presentations. You will define and scope a research topic by applying detailed technical knowledge and industry based methodologies, assessing safety and risk factors, preparing a feasible plan and drafting an implementation schedule. The unit will give you an opportunity to develop your personal and interpersonal skills and use effectively different modes of communication. Note: Prior to the commencement of term and before an enrolment can be accepted, you must confirm with the unit coordinator that you have identified a suitable research interest and an academic supervisor is available. Students who have successfully completed BLCN14036 or BLSV14012 should not enrol in this unit.

### 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

Pre-requisite Condition: Successfully completed 126 units of credits in the Building Surveying (Honours) or Construction Management (Honours) course.

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 2 - 2023

- 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 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. **Presentation and Written Assessment**

Weighting: 30%

#### 2. **Written Assessment**

Weighting: 30%

#### 3. **Presentation and Written Assessment**

Weighting: 40%

### 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 Student Unit and Teaching Evaluation survey

##### Feedback

Students pointed to one positive aspect of the teaching as being able to contact the lecturer and talk through things when needed.

##### Recommendation

The teaching team continues to provide timely support and constructive feedback for students throughout the term.

#### Feedback from Student Unit and Teaching Evaluation survey

##### Feedback

Students suggested the use of more examples or elaboration in relation to weekly topics of the unit.

##### Recommendation

The teaching team will add more examples of published research related to the unit modules.

## Unit Learning Outcomes

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

1. Formulate and operate a research plan.
2. Apply detailed technical knowledge and industry based methodologies, assess safety and risk factors, and prepare a feasible plan and implementation schedule.
3. Discover and use information sources and technology to collect, analyse and interpret data, notes and references.
4. Practice personal and interpersonal skills.
5. Use effectively different modes of communication.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
<b>1 - Presentation and Written Assessment - 30%</b>	•	•	•	•	•
<b>2 - Written Assessment - 30%</b>	•	•	•	•	•
<b>3 - Presentation and Written Assessment - 40%</b>	•	•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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 - Presentation and Written Assessment - 30%	•	•	•	•	•	•	•	•		
2 - Written Assessment - 30%	•	•	•	•		•	•	•		
3 - Presentation and Written Assessment - 40%	•	•	•	•		•	•	•		

## 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 (available through Library - see Moodle link)
- Microphone and camera for use with Zoom

## Referencing Style

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

## Teaching Contacts

**Bill Zhao** Unit Coordinator  
[b.zhao@cqu.edu.au](mailto:b.zhao@cqu.edu.au)

## Schedule

### Week 1 - 10 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 1. Introduction to Academic Research		

### Week 2 - 17 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 1. Introduction to Academic Research		

### Week 3 - 24 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 2: Research design		

### Week 4 - 31 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 2: Research design		

### Week 5 - 07 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Data collection method		

### Vacation Week - 14 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
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### Week 6 - 21 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Data collection method		<b>Assessment 1: develop a proposal</b> Due: Week 6 Thursday (24 Aug 2023) 11:45 pm AEST

### Week 7 - 28 Aug 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 4. Statistical data analysis		

### Week 8 - 04 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 4. Statistical data analysis		

### Week 9 - 11 Sep 2023

Module/Topic	Chapter	Events and Submissions/Topic
Topic 5. Qualitative data analysis		

**Week 10 - 18 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Topic 5. Qualitative data analysis		<b>Assessment 2: Literature review</b> Due: Week 10 Thursday (21 Sept 2023) 11:45 pm AEST

**Week 11 - 25 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Topic 6. Writing a Research Report for Publication		

**Week 12 - 02 Oct 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Topic 6. Writing a Research Report for Publication		

**Review/Exam Week - 09 Oct 2023**

Module/Topic	Chapter	Events and Submissions/Topic
		<b>Assessment 3: Research Report</b> Due: Review/Exam Week Monday (9 Oct 2023) 11:45 pm AEST

**Exam Week - 16 Oct 2023**

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 Assessment 1: develop a proposal

**Assessment Type**

Presentation and Written Assessment

**Task Description**

You are to develop a proposal for a research topic/field of built environment. This topic could be interdisciplinary. The specific tasks include selection of a title of your topic, background of the topic, identification of the objectives and significance of the topic, possible research methodology and discussion on the expected benefits of the research. This assessment item relates to the course learning outcomes 1, 2, 4 and 5.

**Assessment Due Date**

Week 6 Thursday (24 Aug 2023) 11:45 pm AEST

**Return Date to Students**

Week 8 Thursday (7 Sept 2023)

**Weighting**

30%

**Assessment Criteria**

The assessment will address the following attributes:

- Clarity of expression and comprehensive coverage of issues;
- Demonstration of an understanding of all issues raised in the study guide;
- Use of quality supporting documentation;
- Use of original thought and content;
- Overall presentation and ability to communicate using correct spelling, grammar and punctuation and the use of appropriate diagrams and other graphics; and
- Demonstration and application of core knowledge.

Your assessment should be produced in electronic format.

Before or on the nominated due date, upload your work following the on-screen instructions.

Your submission will be processed through the similarity detection software, Turnitin. You may amend

your work based on the detection report.

You must ensure that the submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Deliver the team presentation via Zoom sessions scheduled by your lecturer and submit the individual report online via the assessment block of the Moodle page of the unit

### Learning Outcomes Assessed

- Formulate and operate a research plan.
- Apply detailed technical knowledge and industry based methodologies, assess safety and risk factors, and prepare a feasible plan and implementation schedule.
- Discover and use information sources and technology to collect, analyse and interpret data, notes and references.
- Practice personal and interpersonal skills.
- Use effectively different modes of communication.

### Graduate Attributes

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

## 2 Assessment 2: Literature review

### Assessment Type

Written Assessment

### Task Description

You are to develop a Literature Review for your research proposed in assignment 1 previously. This literature review includes but is not limited to: literature search method, the current status of research, and identification of the variables that are required to achieve the research objectives. This will demand extensive searching of peer-reviewed Journals/papers and articles by use of Scopus database as a minimum. You will use EndNote to assist your referencing, and this is available to all students via the Library.

### Assessment Due Date

Week 10 Thursday (21 Sept 2023) 11:45 pm AEST

### Return Date to Students

Week 12 Thursday (5 Oct 2023)

### Weighting

30%

### Assessment Criteria

The assessment will address the following attributes:

- Clarity of expression and comprehensive coverage of issues;
- Demonstration of an understanding of all issues raised in the study guide;
- Use of quality supporting documentation;
- Use of original thought and content;
- Overall presentation and ability to communicate using correct spelling, grammar and punctuation and the use of appropriate diagrams and other graphics; and
- Demonstration and application of core knowledge.

Your assessment should be produced in electronic format.

Before or on the nominated due date, upload your work following the on-screen instructions.

Your submission will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report.

You must ensure that the submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Online via the assessment block of the Moodle page of the unit

### Learning Outcomes Assessed

- Formulate and operate a research plan.
- Apply detailed technical knowledge and industry based methodologies, assess safety and risk factors, and prepare a feasible plan and implementation schedule.
- Discover and use information sources and technology to collect, analyse and interpret data, notes and references.
- Practice personal and interpersonal skills.
- Use effectively different modes of communication.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 3 Assessment 3: Research Report

### Assessment Type

Presentation and Written Assessment

### Task Description

This assessment involves writing a research report based on the research plan outline that you developed in the previous assessment. This assessment relates to the unit learning outcomes 1, 2, 3, and 5. The task will address Topics 1-8 of the Study Guide.

### Assessment Due Date

Review/Exam Week Monday (9 Oct 2023) 11:45 pm AEST

### Return Date to Students

Exam Week Friday (20 Oct 2023)

Within two weeks of the submission due date and before the certification of grades.

### Weighting

40%

### Assessment Criteria

The assessment will address the following attributes:

- Clarity of expression and comprehensive coverage of issues;
- Demonstration of an understanding of all issues raised in the study guide;
- Use of quality supporting documentation;
- Use of original thought and content;
- Overall presentation and ability to communicate using correct spelling, grammar and punctuation and the use of appropriate diagrams and other graphics; and
- Demonstration and application of core knowledge.

Your assessment should be produced in electronic format.



Before or on the nominated due date, upload your work following the on-screen instructions. Your submission will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report. You must ensure that the submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

**Referencing Style**

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

**Submission**

No submission method provided.

**Submission Instructions**

Online via the assessment block of the Moodle page of the unit

**Learning Outcomes Assessed**

- Formulate and operate a research plan.
- Apply detailed technical knowledge and industry based methodologies, assess safety and risk factors, and prepare a feasible plan and implementation schedule.
- Discover and use information sources and technology to collect, analyse and interpret data, notes and references.
- Practice personal and interpersonal skills.
- Use effectively different modes of communication.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural 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