



# PSYC11012 *Foundations of Psychological Research*

## Term 1 - 2020

Profile information current as at 08/05/2024 09:54 am

All details in this unit profile for PSYC11012 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 is an introductory unit designed to provide you with the knowledge, skills and values required throughout your studies in psychology and the social sciences. At the end of this unit you will be able to understand, apply and evaluate basic research methods in psychology, including the characteristics of the science of psychology, and describing and evaluating different research methods used by psychologists. You will be able to demonstrate critical thinking skills, which includes sceptical inquiry and the use of the scientific approach to solving problems. You will also demonstrate introductory skills consistent with the application of psychology that involves finding and critically evaluating scientific literature, constructing empirical arguments, generating research questions, conducting ethical research, referencing and formatting in APA style, and preparing research reports.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 10

Fraction of Full-Time Student Load: 0.125

### 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 - 2020

- Adelaide
- Bundaberg
- Cairns
- Online
- Rockhampton
- Townsville

### 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 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 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. **Written Assessment**

Weighting: 15%

#### 2. **Critical Review**

Weighting: 20%

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

Weighting: 15%

#### 4. **Report**

Weighting: 50%

### 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 feedback and Unit Coordinators

##### Feedback

Some students indicated difficulty navigating assessment information

##### Recommendation

All of the assessment information should be organised by assessment type. Reminders of assessment deadlines and links should also be provided under the relevant weekly tab

#### Feedback from Student feedback

##### Feedback

Some students felt that more statistics knowledge should be included in the unit

##### Recommendation

Knowledge and application of statistical methodology is taught incrementally over multiple units. The links between the research methods in the course should be made clearer

#### Feedback from Student feedback

##### Feedback

Students were pleased with 2 lecturers being assigned to the unit

##### Recommendation

If possible, the combined teaching delivery should be maintained. Having one of the unit lecturers also teaching into PSYC12047 provides valuable continuity for the students

## Unit Learning Outcomes

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

1. Describe, apply and evaluate the different research methods used by psychologists
2. Evaluate the quality of information, including differentiating empirical evidence from speculation
3. Write a standard research report using American Psychological Association (APA) structure and formatting conventions
4. Reflect on one's experiences in order to identify and articulate one's personal and sociocultural values as well as demonstrate insightful awareness of one's feelings, motives, and attitudes.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 15%	•		•	
2 - Written Assessment - 15%		•		•

Assessment Tasks	Learning Outcomes			
	1	2	3	4
3 - Critical Review - 20%		•		•
4 - Report - 50%	•		•	

## 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				

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 15%				•						
2 - Written Assessment - 15%	•							•		
3 - Critical Review - 20%			•							
4 - Report - 50%	•		•	•				•		

## Textbooks and Resources

### Textbooks

PSYC11012

#### Prescribed

##### Publication Manual of the American Psychological Association

Edition: 7th (2019)

American Psychological Association

ISBN: 978-1-4338-3216-1

Binding: Paperback

#### Additional Textbook Information

The APA guide is now in its 7th edition (released in October 2019). We will be using the 7th edition from Term 1 2019. This title can be purchased as a hard, soft, spiral bound, or e-copy.

Copies are available for purchase at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

[View textbooks at the CQUniversity Bookshop](#)

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Bradley Smith** Unit Coordinator

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**Lisa Lole** Unit Coordinator

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## Schedule

### Week 1 - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
The science of 'knowing'	Refer to Moodle site for required reading material.	

### Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Ethical research	Burton et al. (2018). Ethics (pages 32-66) from Psychology Research Methods. APA Publication Manual (2020). Scholarly writing and publishing principles (pages 11-26).	

**Week 3 - 23 Mar 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Experimental research	Refer to Moodle site for required reading material.	

**Week 4 - 30 Mar 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Non-experimental research	Refer to Moodle site for required reading material.	

**Week 5 - 06 Apr 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Qualitative research	Braun and Clarke (2013). Ten fundamentals of qualitative research (pages 19-41) from Successful qualitative research.	<b>Ethics Personal Reflection</b> Due: Week 5 Monday (6 Apr 2020) 9:00 am AEST

**Vacation Week - 13 Apr 2020**

Module/Topic	Chapter	Events and Submissions/Topic
No lecture (vacation week)	No set readings for this week	No chat sessions scheduled this week

**Week 6 - 20 Apr 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Critically evaluating research evidence	APA Publication Manual (2020). Bias-free language guidelines (Chapter 5). Dunn (2013). Searching and reading the psychological literature (Chapter 3) from The practical researcher: A student guide to conducting psychological research.	

**Week 7 - 27 Apr 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Searching psychological literature	APA Publication Manual (2020). Paper elements and format (Chapter 2). APA Publication Manual (2020). Journal article reporting standards (Chapter 3).	

**Week 8 - 04 May 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Writing for psychology 1: APA referencing	APA Publication Manual (2020). Works credited in the text (Chapter 8). APA Publication Manual (2020). Reference list (Chapter 9). APA Publication Manual (2020). Reference examples (Chapter 10).	

**Week 9 - 11 May 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Writing for psychology 2: Style and grammar	APA Publication Manual (2020). Writing style and grammar (Chapter 4). APA Publication Manual (2020). Mechanics of style (Chapter 6).	<b>Journal Article Critical Review</b> Due: Week 9 Monday (11 May 2020) 9:00 am AEST

**Week 10 - 18 May 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Data analysis 1: Descriptive statistics	APA Publication Manual (2020). Tables and figures (Chapter 7).	

**Week 11 - 25 May 2020**

Module/Topic	Chapter	Events and Submissions/Topic
Data analysis 2: Inferential statistics	No set readings for this week	<b>APA Style Quiz</b> Due: Week 11 Monday (25 May 2020) 9:00 am AEST
<b>Week 12 - 01 Jun 2020</b>		
Module/Topic	Chapter	Events and Submissions/Topic
The research process in action	APA Publication Manual (2020). Publication process (Chapter 12).	<b>Research Report</b> Due: Week 12 Friday (5 June 2020) 11:55 pm AEST
<b>Review/Exam Week - 08 Jun 2020</b>		
Module/Topic	Chapter	Events and Submissions/Topic
<b>Exam Week - 15 Jun 2020</b>		
Module/Topic	Chapter	Events and Submissions/Topic

## Assessment Tasks

### 1 Ethics Personal Reflection

#### Assessment Type

Written Assessment

#### Task Description

A list of psychological experiments and information relating to these will be made available on the Moodle site after the lecture in Week 1 of term. This assessment requires you to (a) select and research ONE of the ten listed psychological experiments in detail, and (b) write and submit ONE 450-550 word personal reflection on the experiment, according to the Marking Criteria.

This assignment is your chance to add your thoughts and analysis to what you have read and experienced. This piece of writing is meant to illustrate your understanding of the experiment (for example, the ethical implications of why and how it was done), and how it affects your ideas, and how it may possibly affect your practice in future.

#### Assessment Due Date

Week 5 Monday (6 Apr 2020) 9:00 am AEST

Due Monday 6th of May at 9:00am (AEST). Submission via Moodle.

#### Return Date to Students

Week 7 Monday (27 Apr 2020)

Assignments will be returned within two weeks of submission

#### Weighting

15%

#### Assessment Criteria

This assessment will be graded out of 15 marks. Marks will be allocated, according to each of the following criteria:

1. An understanding of the issues and ethics of a particular experiment is demonstrated (5 marks).
2. Reference to personal experiences, situations, events, or new information is made (5 marks).
3. The response is of sufficient length (i.e. adheres to word limit) and is written with good spelling and grammar (5 marks).

#### Referencing Style

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

#### Submission

Online

#### Submission Instructions

Copy and paste text when prompted during submission. Do not submit as a Word document.

#### Learning Outcomes Assessed

- Evaluate the quality of information, including differentiating empirical evidence from speculation
- Reflect on one's experiences in order to identify and articulate one's personal and sociocultural values as well as

demonstrate insightful awareness of one's feelings, motives, and attitudes.

#### **Graduate Attributes**

- Communication
- Ethical practice

## **2 Journal Article Critical Review**

#### **Assessment Type**

Critical Review

#### **Task Description**

This task is designed to help you apply critical thinking principles when reviewing research articles.

You must apply critical evaluation skills and write a critique of a research paper that will be provided to you in Week 1 of the term. When writing the review, you must use/answer the ten (10) questions that will be provided to you.

#### **Assessment Due Date**

Week 9 Monday (11 May 2020) 9:00 am AEST

Due Monday 11th of May at 9:00am (AEST). Submit via Moodle.

#### **Return Date to Students**

Week 11 Monday (25 May 2020)

Assignments will be returned within two weeks of submission

#### **Weighting**

20%

#### **Assessment Criteria**

This assessment will be graded out of 20. Two (2) marks will be allocated to each of the ten (10) questions. There is no word limit for this assessment, however, responses must be adequately addressed (e.g., responses to each item must be given in at least one or two sentences).

#### **Referencing Style**

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

#### **Submission**

Online

#### **Submission Instructions**

Copy and paste text when prompted during submission. Do not submit as a Word document.

#### **Learning Outcomes Assessed**

- Evaluate the quality of information, including differentiating empirical evidence from speculation
- Reflect on one's experiences in order to identify and articulate one's personal and sociocultural values as well as demonstrate insightful awareness of one's feelings, motives, and attitudes.

#### **Graduate Attributes**

- Critical Thinking

## **3 APA Style Quiz**

#### **Assessment Type**

Online Quiz(zes)

#### **Task Description**

Academic conventions and copyright law require that you acknowledge when you use the ideas of others. In most cases, this means stating which book or journal article is the source of an idea or quotation. There are many ways to present this information (referred to as referencing styles). In psychology, we use the American Psychological Association (or APA) referencing style. It is currently in its 7th version. All of your assessments in psychology will require the use of APA formatting and referencing. This task is designed to test your knowledge of the APA referencing style.

The quiz will consist of thirty (30) multiple choice questions. Each question is worth 0.5 marks. Questions will be related to various aspects of the use of the APA referencing style (e.g., in-text citations, reference list, general formatting of documents). The quiz will be available from Monday Week 1 until Monday week 11, and you may complete the quiz at any time within this period. You will only be given one opportunity to complete the quiz. The quiz will not be timed.

#### **Number of Quizzes**

1



**Frequency of Quizzes**

Other

**Assessment Due Date**

Week 11 Monday (25 May 2020) 9:00 am AEST

Quiz will close on Monday 25 May at 9.00am (AEST)

**Return Date to Students**

Marks will be provided to you at the completion of the quiz

**Weighting**

15%

**Assessment Criteria**

Half a mark (0.5) mark will be given for each correct response. There are a total of 30 questions. The quiz is not timed, but you will only be given one opportunity to complete the quiz.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Complete the quiz via Moodle site

**Learning Outcomes Assessed**

- Describe, apply and evaluate the different research methods used by psychologists
- Write a standard research report using American Psychological Association (APA) structure and formatting conventions

**Graduate Attributes**

- Information Literacy

## 4 Research Report

**Assessment Type**

Report

**Task Description**

The aim of this assessment is to enable you to practice writing and preparing a research report. You should be able to demonstrate that you can critically evaluate the literature on a given topic, communicate a research aim, construct a hypothesis, and discuss research findings. You will be required to complete a survey provided by the course coordinator over the first two weeks of the term. Results of the experiment will be made available during the term.

You will be required to write a 1500-2000 word research report on this data including an abstract, introduction and literature review (brief), a methods and procedure section, a results section, a discussion section, and a reference list. No statistical analysis will be required (this will be provided to you); however, some general descriptive data may need to be calculated (e.g., demographic data, and basic means and standard deviations for some variables). For the literature review five (5) references will be provided to you, but at least five (5) more must be found, and referred to, in your report. The report must be written in APA format.

**Assessment Due Date**

Week 12 Friday (5 June 2020) 11:55 pm AEST

Due Friday 5th of June at 11:55pm (AEST). Submit via Moodle.

**Return Date to Students**

Exam Week Friday (19 June 2020)

Students will receive feedback within two weeks of submission

**Weighting**

50%

**Minimum mark or grade**

To pass this unit you MUST submit this assessment, and MUST obtain at least 25/50 (50%).

**Assessment Criteria**

The report will be graded out of 50 marks. Marks are divided according to the following criteria:

- Title: 2 marks

- Abstract: 5 marks
- Introduction: 10 marks
- Methods: 8 marks
- Results: 4 marks
- Discussion: 10 marks
- References: 6 marks
- General (formatting, style, spelling, word count): 5 marks

More detail (and marking rubric) will be provided on the Moodle site.

### **Referencing Style**

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

### **Submission**

Online

### **Submission Instructions**

Submit as a Word document formatted in APA style, including a title page

### **Learning Outcomes Assessed**

- Describe, apply and evaluate the different research methods used by psychologists
- Write a standard research report using American Psychological Association (APA) structure and formatting conventions

### **Graduate Attributes**

- Communication
- Critical Thinking
- Information Literacy
- 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