



PSYC12012 *Physiological Psychology*

Term 2 - 2017

Profile information current as at 23/04/2024 06:37 pm

All details in this unit profile for PSYC12012 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 learn the current knowledge on the relationship of the brain with psychological processes and behaviour. Specifically, you will study a) the structure and function of the central nervous system; b) the neural bases of a range of psychological processes and human behaviour, such as perception, language, learning and memory; and c) major research methods used to study these neural bases.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 10

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

(PSYC11008 or PSYC11010) and PSYC11009

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 - 2017

- Bundaberg
- Distance
- 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 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. **Online Quiz(zes)**

Weighting: 30%

2. **Written Assessment**

Weighting: 30%

3. **Examination**

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 evaluation

Feedback

The written assessment seems too challenging.

Recommendation

The written assessment reflects the core learning objectives of the course. It is challenging because it requires evaluation and integration of empirical studies, which are usually more difficult to read and comprehend than a standard textbook. The key is to focus on main ideas of the papers rather than technical details. More support and resources will be made available to assist students with completing the assessment.

Feedback from Student evaluation & self-reflection

Feedback

The final quiz at the end of the term seems too much.

Recommendation

The final comprehensive quiz covers course content since the first quiz. The decision to split the quiz into multiple quizzes will be considered.

Feedback from Student evaluation

Feedback

Course resources (e.g., lecture notes, concept maps and exercises) seem useful.

Recommendation

Continue to provide these resources, if possible.

Unit Learning Outcomes

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

1. Describe the structure and function of the central nervous system.
2. Explain the neural bases of psychological processes and human behaviour, such as perception, language, learning and memory.
3. Compare major research methods in psychophysiology.
4. Review empirical studies in psychophysiology.

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) - 30%	•	•	•	
2 - Written Assessment - 30%	•	•	•	•

Assessment Tasks	Learning Outcomes			
	1	2	3	4
3 - Examination - 40%	•	•	•	•

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) - 30%		•	•	•		•				
2 - Written Assessment - 30%	•	•	•	•				•		
3 - Examination - 40%	•	•	•	•						

Textbooks and Resources

Textbooks

PSYC12012

Prescribed

The Student's Guide to Cognitive Neuroscience

Edition: 3rd (2015)

Authors: Jamie Ward

Psychology Press

New York , USA

ISBN: 978-1-84872-272-9

Binding: Paperback

[View textbooks at the CQUniversity Bookshop](#)

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

For further information, see the Assessment Tasks.

Teaching Contacts

Sarah Jay Unit Coordinator

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Bradley Smith Unit Coordinator

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Schedule

Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introducing the Brain	2	

Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Research Methods	3, 4 & 5	

Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Revision for Quiz #1 (no lecture)		Quiz #1 worth 5% The quiz will open on Monday 24th July at 12:01am and will close on Sunday 30th July at 11:59pm.

Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
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The Seeing Brain 6

Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Hearing Brain	10	

Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
No classes		

Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Acting Brain	8	

Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Attending Brain	7	

Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Executive Brain	14	

Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Remembering Brain	9	Written Assessment 30% - 2000 word Essay. Topic will be made available on the Unit's Moodle Page Essay Due: Week 9 Monday (11 Sept 2017) 9:00 am AEST

Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Speaking Brain	11	

Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
The Social and Emotional Brain	15	

Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
Revision for Quiz #2 (no lecture)		Quiz #2 worth 25% The quiz will open on Monday 2nd October at 12:01am and will close on Sunday 8th October at 11:59pm.

Review/Exam Week - 09 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 16 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 Online quizzes

Assessment Type

Online Quiz(zes)

Task Description

There are two online quizzes.

Quiz #1 - Week 3 (worth 5%)

20 multiple choice questions.

Topics from Weeks 1 and 2

Quiz #2 - Week 12 (worth 25%)

60 multiple choice questions.

Topics from Weeks 4 to10

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

Each quiz will be available on Monday and will close on Sunday. The exact opening and closing times on these days will be announced on the course website.

Return Date to Students

Quiz #1: 1st of August; Quiz #2: 10th of October.

Weighting

30%

Assessment Criteria

All questions will have equal weight. There will not be any penalties for wrong answers. Only one attempt is allowed for each quiz.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Describe the structure and function of the central nervous system.
- Explain the neural bases of psychological processes and human behaviour, such as perception, language, learning and memory.
- Compare major research methods in psychophysiology.

Graduate Attributes

- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

2 Essay

Assessment Type

Written Assessment

Task Description

Objectives: This assessment item gives students the opportunity to study an area of physiological psychology in greater depth. In general this will involve comprehensive reading of primary sources, a critical approach to the material, and the development of an argument reflecting students' own reasoning and viewpoint about the topic.

Task: Students are required to write an original essay on the topic that will be provided on the unit website. Be sure to make the argument logical, convincing and backed up by appropriate sources. First hand readings (i.e., original journal articles) are essential. The APA referencing style is to be followed. The topic will be made available on the Unit's Moodle Page.

Length: 2000 words (+/- 10%)

Assessment Due Date

Week 9 Monday (11 Sept 2017) 9:00 am AEST

Return Date to Students

by the end of Week 12

Weighting

30%

Assessment Criteria

Your essay will be assessed according to the following marking scheme. The total final mark is out of 30%.

- Quality of content
- Quality of written communication & presentation
- Adherence to APA style & referencing

A detailed mark sheet will be provided on the Unit's Moodle Page at the beginning of the term.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Describe the structure and function of the central nervous system.
- Explain the neural bases of psychological processes and human behaviour, such as perception, language, learning and memory.
- Compare major research methods in psychophysiology.
- Review empirical studies in psychophysiology.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Ethical practice

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

40%

Length

90 minutes

Exam Conditions

Closed Book.

Materials

No calculators permitted

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

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