



# **GEOG11023 *Physical Geography of Australia***

## **Term 1 - 2019**

Profile information current as at 02/05/2024 07:13 pm

All details in this unit profile for GEOG11023 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 surveys the major patterns of Australian landscapes and the processes which have produced them. Topics include the geology, climates, landforms, soils and ecology of Australia.

### **Details**

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

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 - 2019**

- Online
- 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. **Practical and Written Assessment**

Weighting: 30%

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

Weighting: 40%

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

Weighting: 30%

### 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 Feedback from unit survey and self-assessment.

##### Feedback

Practical and Written Assessment --The written assessment item 1.

##### Recommendation

The content area of 'Practical and Written Assessment' will be redesigned. A new assessment guide for helping students to complete this assessment will be provided in the unit's moodle site.

## Unit Learning Outcomes

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

1. explain fundamental processes responsible for the development of Australian climates, landforms, soils and biogeography
2. describe major patterns of climates, landforms, soils and biogeography in Australia.

Important skills objectives include the development of abilities to:

- find particular information when required that is contained in your online material, textbook or other study resources
- demonstrate information literacy skills concerning the use of the CQU Library online catalogue and the development of search strategies for research paper topics
- research and analyse information relating to the physical geography of Australia
- write annotated bibliographies and research papers.

In a broader educational context, it is worth noting that the design of this unit is intended to assist students to develop independent life-long learning skills, and in particular the ability to successfully cope with online learning environments, such as is presented in this unit.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes	
	1	2
1 - Practical and Written Assessment - 30%		•
2 - Written Assessment - 40%	•	
3 - Online Quiz(zes) - 30%	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes	
	1	2
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 - Practical and Written Assessment - 30%	•	•		•		•	•	•		
2 - Written Assessment - 40%	•	•	•	•	•	•	•	•		
3 - Online Quiz(zes) - 30%		•	•	•		•		•		

## Textbooks and Resources

### Textbooks

GEOG11023

#### Prescribed

##### **The Australian Physical Environment**

Edition: 1st (2008)

Authors: Bridgman, H., Dragovitch, D., Dodson, J.

Oxford University Press Australia

South Melbourne , VIC , Australia

ISBN: 13-978-0-19-554109-0

Binding: Other

#### **Additional Textbook Information**

Copies can be purchased 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)
- Microsoft Word

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Jiaping Wu** Unit Coordinator

[j.wu@cqu.edu.au](mailto:j.wu@cqu.edu.au)

## Schedule

### Week 1 - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Structure of the Earth and Plate Tectonics	Ch.1: Australia in the Physical World Ch.2: The Earth in Space and Time Ch.8: The Development of the Landscape (only pp. 163-171)	Note: All 5 quizzes are available from the first day of the term; but each quiz will be due on different weeks during the term. Please mark each of the due dates in your calendar.

### Week 2 - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Geological Evolution of Australia	Ch.14: The Internal Processes of McKnight and Hess's <i>Physical Geography</i> (available on the unit's Moodle site).	

### Week 3 - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Global Climatic Processes  
Ch.3: The Global Energy System  
Ch.4: Atmospheric Circulation

#### Week 4 - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Australian Climates	Ch.5: Hydrologic Systems and Atmospheric Processes Ch.6: Ocean Atmosphere Interactions Ch.7: Climatic Environments	

#### Week 5 - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Geomorphology: Principles & Patterns	Ch.8: The Development of the Landscape (pp. 171-187) Ch.9: Landscapes, Sediments and Soil Development (pp. 188-197) Ch.10: Water in the Landscape (pp.215-241)	

#### Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Geomorphology: Regional Patterns	Ch.11: Aeolian Landforms Ch.12: Coastal Landforms	Quiz 1 due

#### Week 7 - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Soil Forming Processes	Ch.9: 'Soils' section (pp. 198-214)	<b>Written Assessment: Term paper proposal</b> Due: Week 7 Friday (3 May 2019) 11:45 pm AEST

#### Week 8 - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Soil Classification & Regional Patterns	Brodie et al. 2016, 'Groundwater—lifeblood of the continent.' (available on the unit's Moodle site)	quiz 2 due

#### Week 9 - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Ecosystems	Ch.13: Historical Biogeography	quiz 3 due

#### Week 10 - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Biomes	Ch.14: Ecological Biogeography	quiz 4 due

#### Week 11 - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Australian Flora	Ch.15: Communities and Ecosystems Carnahan 1977, 'Vegetation' (available on the unit's Moodle site)	

#### Week 12 - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
Australian Fauna	Heathcote 1994, 'The Ecosystems' & Smith 1986, 'Biogeography of Australian Flora and Fauna' (available on the unit's Moodle site).	quiz 5 due  <b>Written Assessment 2 Term paper</b> Due: Week 12 Friday (7 June 2019) 12:45 pm AEST

**Review/Exam Week - 10 Jun 2019**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 17 Jun 2019**

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

### 1 Written Assessment: Term paper proposal

**Assessment Type**

Practical and Written Assessment

**Task Description**

You will select a region in Australia to study for both the written assessments in this unit. The first assessment is to locate some useful sources and provide guidance for your second assessment – the term research paper. Therefore, you should read the second assessment task before you commence your work on this first assignment.

This assessment includes two separate but interrelated parts.

The first part is to write a short research proposal. The proposal should clearly define the region that you are going to study for your term research paper.

Your research proposal should include a working title for the term paper and clearly explain:

- What Australia's region you will study?
- Why is it interesting?
- What main areas of physical geography of the choosing region you are going to investigate?
- How are you engaging the literatures?

The proposal should be 800–1,000 words in length (not including references in the word count).

The second part is an annotated bibliography. The task is to find and evaluate 10 information sources (books, book chapters, journal articles, etc.) that you have carefully read in relation to your study area. The bibliography should include

- the bibliographical information (the citation) of the ten sources
- the explanatory paragraphs (the annotation) of each of the sources

The citation of each entry must follow Harvard Referencing Style. The annotation of each source should be around 100–120 words in length. It should provide:

- a summary of the main arguments or ideas presented by the author.
- an evaluation of the relevancy of the information and how useful you found the source.
- a reflection on how you will use the source in your term paper.

**Assessment Due Date**

Week 7 Friday (3 May 2019) 11:45 pm AEST

Online submission

**Return Date to Students**

Week 9 Friday (17 May 2019)

Assessments will be marked and returned in two weeks after the due date or as soon as practicable

**Weighting**

30%

**Assessment Criteria**

Your work will be assessed based on the criteria sheet provided in the unit's Moodle site.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

There will be a submission link placed on the Moodle website

**Learning Outcomes Assessed**

- describe major patterns of climates, landforms, soils and biogeography in Australia.

## Graduate Attributes

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

## 2 Written Assessment 2 Term paper

### Assessment Type

Written Assessment

### Task Description

Following your research proposal of the assessment 1, complete the term research paper about the physical geography of the choosing Australia's region. In the paper, you need to describe patterns and interpret the processes of the five elements of the physical geography of the study region:

1. geology
2. climate
3. landforms
4. soils
5. biogeography

Detailed instructions, requirements and resources for completing the assessment are provided in the unit's Moodle site. These include guides for a term research paper and a 'model paper' illustrating the style for the term papers in general. Your paper should be 2,500--3,000 words in length. (The word count is considered from the first word of the introduction to the last word of the conclusion. It excludes the cover page, abstract, contents page, reference page and appendices. It includes in-text references and direct quotations).

### Assessment Due Date

Week 12 Friday (7 June 2019) 12:45 pm AEST

Online submission

### Return Date to Students

Exam Week Monday (17 June 2019)

The assessment will be marked and returned in two weeks through the Moodle site.

### Weighting

40%

### Assessment Criteria

This assessment piece will be marked based on the criteria sheet provided in the unit's Moodle site.

### Referencing Style

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

### Submission

Online

### Submission Instructions

There will be a submission link placed on the Moodle website

### Learning Outcomes Assessed

- explain fundamental processes responsible for the development of Australian climates, landforms, soils and biogeography

## Graduate Attributes

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

### 3 Online Quizzes

**Assessment Type**

Online Quiz(zes)

**Task Description**

This assessment contains 5 online quizzes. Each quiz consists of 10 multiple-choice questions; and for each question, you need to select the best response.

More details on the quizzes and how to complete them are presented in the 'Introduction to quizzes' page on the unit's Moodle site.

**Number of Quizzes**

5

**Frequency of Quizzes**

Other

**Assessment Due Date**

By 11.45pm on Sunday of the due week.

**Return Date to Students**

The online quizzes will be marked automatically following submission

**Weighting**

30%

**Assessment Criteria**

The question will be marked 'correct' if you chose the right answer. Scores are based on the number of correct answer only. There are no marks deducted for incorrect responses.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- explain fundamental processes responsible for the development of Australian climates, landforms, soils and biogeography
- describe major patterns of climates, landforms, soils and biogeography in Australia.

**Graduate Attributes**

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