BLAR11045 *Built Environment 1*
Term 2 - 2020

Profile information current as at 24/04/2024 04:47 am

General Information

Overview
This unit is an introduction to the impacts of the building design and construction sectors on the environment viz: Natural ecosystems including climate, hydrological cycle, basic thermodynamics, consequences of modification; ecosystem interdependency, capacity of the environment to assimilate changes; background to greenhouse concerns from the Rio Summit through to current global negotiations: social, legislative and political issues associated with modification of the natural and developed environments including environmental impact assessments; and environmental impact of development-mining and mineral processing, materials and manufacturing industries as related to the building and construction sector. This unit then provides an introduction to current activity to minimise impacts through shift to service rather than consumption based economy in the building and construction sector. This unit also requires the student to develop an understanding of requirements for regional and urban development including the legislative framework for planning control, feasibility studies, consultation and communication processes.

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 2 - 2020
- 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 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: 30%
2. **Written Assessment**
Weighting: 35%
3. **Presentation and Written Assessment**
Weighting: 35%

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
Assignment questions have room for improvement

Recommendation
Assignment briefs will be clearly written and include a basic checklist

Feedback from Student

Feedback
Moodle hard to navigate

Recommendation
Will use Microsoft Teams instead

Unit Learning Outcomes

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

1. Propose methods for improving the environmental and social sustainability of the built environment.
2. Explain the basic theoretical and practical concepts used in urban planning.
3. Choose appropriate design responses for particular Australian climate zones.
4. Select building materials on an environmentally preferred basis with particular reference to embodied energy, usage and waste.
5. Solve routine and unfamiliar problems using information, technology, logic and ethical decision making.
6. Practice personal and interpersonal skills.
7. Use effectively appropriate modes of communication.

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	4	5	6	7
1 - Written Assessment - 30%	•				•	•	•
2 - Written Assessment - 35%	•	•			•	•	•
3 - Presentation and Written Assessment - 35%	•	•	•	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes						
	1	2	3	4	5	6	7
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 - Written Assessment - 30%	•	•		•		•				
2 - Written Assessment - 35%	•	•	•	•		•				
3 - Presentation and Written Assessment - 35%	•	•	•	•		•				

Textbooks and Resources

Textbooks

BLAR11045

Prescribed

The Whole Building Handbook
Authors: Bokalders , Varis
Taylor and Francis
London , UK
ISBN: 9781844075232
Binding: Paperback

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Microphone and headset
- MS Office
- Webcam
- Web camera, headphones and mic

Referencing Style

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

Teaching Contacts

Kevin Stone Unit Coordinator
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Schedule

Week 1 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
1.The sustainable global ecosystem		Begin work on your first assignment due in week three (3)

Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
2.Human activities and environmental impacts		

Week 3 - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
3.Accelerated development; accelerated impacts		Submit assignment one (1) **Assignment 1** Due: Week 3 Friday (31 July 2020) 11:55 pm AEST

Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic

4. Traditional town planning - history

Week 5 - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
5.Planning theories - analysis and debate		Choose a site for a house for Assignment 3 and get lecturer ***approval*** during online tutorial this week

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
No lecture or Tutorial this week.		Check local planning regulations for your site for Assignment 3

Week 6 - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
6.Urban and regional development and eco-sustainability		Submit assignment two (2) **Assignment 2** Due: Week 6 Friday (28 Aug 2020) 11:55 pm AEST

Week 7 - 31 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
7.Eco-sustainable urban planning including services and systems		Choose a plan for your site from those available in Moodle for Assignment 3

Week 8 - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
8.The construction site and eco-sustainability		

Week 9 - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
9.Passive 'design for climate' and energy use		

Week 10 - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
10.Eco-sustainable materials and systems		

Week 11 - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
11.Review of values, reforms, limitations		**Assignment 3** Due: Week 11 Friday (2 Oct 2020) 11:55 pm AEST

Week 12 - 05 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
12.Regulatory tools towards eco-sustainability in planning, design and construction		Submit assignment three (3)

Review/Exam Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

This unit is being run mainly through Microsoft teams this year, and the traditional Moodle site will run in parallel.

The Moodle site must still be used for submission of assignments through turn it in, access to your grades and applications for extension of time.. Within teams, a link is provided to take you to Moodle directly if required. All information contained in Moodle is duplicated and expanded upon within teams, which is the main communication system for the unit. Important resources will be forwarded to students directly through teams as required.

Assessment Tasks

1 Assignment 1

Assessment Type
Written Assessment

Task Description
Assessment item 1 - Written Assignment. This assessment item will address the unit Learning Outcome 1 and will provide an opportunity for students to demonstrate the transferable skills in learning outcomes 5, 6 and 7.
Your submission will be a report containing your responses to three questions of varying complexity, the focus of which will relate directly to Topics 1, 2 and 3. Full and detailed briefing for this assignment and the assignment rubric will be available from the Assessment Block in Moodle.
You must attain a minimum 45%

Assessment Due Date
Week 3 Friday (31 July 2020) 11:55 pm AEST

Return Date to Students
Week 5 Friday (14 Aug 2020)
Students will be advised of any adverse circumstances that might delay return of feedback.

Weighting
30%

Assessment Criteria
Assessment criteria will be relevant to the learning outcomes and topics of focus for this assignment that are listed above in the task description. However, the more detailed enabling objectives in the Study Guide that are variously related to Topics 1, 2 and 3 will give you a more comprehensive understanding of what you may be needing to demonstrate. This assessment item is worth 30% (ie; 30/100, approximately 20% of which (ie; 6/30) is relevant to the presentation quality of your submission and your referencing.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Ensure that your submissions in Moodle remain a Draft until you have viewed the TII Similarity report that will be generated.

Learning Outcomes Assessed

- Propose methods for improving the environmental and social sustainability of the built environment.
- Solve routine and unfamiliar problems using information, technology, logic and ethical decision making.
- Practice personal and interpersonal skills.
- Use effectively appropriate modes of communication.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence

2 Assignment 2

Assessment Type
Written Assessment

Task Description
Assessment item 2 - Written Assignment. This assessment item will primarily address Learning Outcome 2 with associated implications for learning outcome 1 and will provide an opportunity for students to demonstrate the transferrable skills in learning outcomes 5, 6 and 7.
Your submission will be a report containing your responses to several questions, the focus of which will relate directly to Topics 4, 5, 6 and 7. Full and detailed briefing for this assignment and the assignment rubric will be available from the Assessment Block in Moodle.
You must attain a minimum 45%

Assessment Due Date
Week 6 Friday (28 Aug 2020) 11:55 pm AEST

Return Date to Students
Week 8 Friday (11 Sept 2020)
Students will be advised of any adverse circumstances that might delay this.

Weighting
35%

Assessment Criteria
Assessment criteria will be relevant to the learning outcomes and topics that are listed above in the task description. However the more detailed 'enabling objectives' in the Study Guide that are directly related to Topics 4, 5, 6 and 7 will give you a more comprehensive understanding of what you may be expected to demonstrate. This assessment item is worth 35% (ie; 35/100). Approximately 20% of this (ie; 7/35) is relevant to the presentation quality of your submission and your referencing.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Ensure that your submissions in Moodle remain a Draft until you have viewed the TII Similarity report that will be generated.

Learning Outcomes Assessed

- Propose methods for improving the environmental and social sustainability of the built environment.
- Explain the basic theoretical and practical concepts used in urban planning.
- Solve routine and unfamiliar problems using information, technology, logic and ethical decision making.
- Practice personal and interpersonal skills.
- Use effectively appropriate modes of communication.

Graduate Attributes

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

3 Assignment 3

Assessment Type
Presentation and Written Assessment

Task Description
Assessment item 3 will address learning outcomes 1, 2, 3 and 4, and will provide an opportunity for students to demonstrate the transferrable skills in learning outcomes 5, 6 and 7.
For this assessment item you will need to address the requirements of a multi-faceted task that will include drawings and written content as required.
Your submission will be a report, the focus of which will relate directly to the environmentally sustainable design focus of Topics 8, 9, 10, 11 and 12. Full and detailed briefing for this assignment and the assignment rubric will be available from the Assessment Block in Moodle.

You must attain a minimum 45%

Assessment Due Date
Week 11 Friday (2 Oct 2020) 11:55 pm AEST

Return Date to Students
Exam Week Friday (23 Oct 2020)
Return Date: Monday 22 October 2018

Weighting
35%

Assessment Criteria
Assessment criteria will be relevant to the learning outcomes and topics of focus for this assignment that are listed above in the task description. However the more detailed 'enabling objectives' in the Study Guide that are directly related to Topics 8, 9, 10, 11 and 12, will give you a more comprehensive understanding of what you may be expected to demonstrate. This assessment item is worth 35% (ie; 35/100, approximately 20% of which (ie; 7/35) is relevant to the presentation quality of your submission and your referencing.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Ensure that your submissions in Moodle remain a Draft until you have viewed the TII Similarity report that will be generated.

Learning Outcomes Assessed

- Propose methods for improving the environmental and social sustainability of the built environment.
- Explain the basic theoretical and practical concepts used in urban planning.
- Choose appropriate design responses for particular Australian climate zones.
- Select building materials on an environmentally preferred basis with particular reference to embodied energy, usage and waste.
- Solve routine and unfamiliar problems using information, technology, logic and ethical decision making.
- Practice personal and interpersonal skills.
- Use effectively appropriate modes of communication.

Graduate Attributes

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

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