

BLDG 2014 WORK- INTEGRATED LEARNING IN SUSTAINABLE CONSTRUCTION

Credit Points 10

Legacy Code 301429

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Description In this unit, students will engage in project-based learning related to Sustainable Construction to practice sustainable approaches in real construction projects. Students will select a project with an agreed industry partner, which will involve sustainable construction practices, for example: sustainability assessments, managing green building projects, carbon emission assessments, cost-benefit analysis and the circular economy. This unit contributes towards the skills required for a work-ready graduate and allows the student to plan, undertake and report on a specific aspect of practice in the context of work.

School Eng, Design & Built Env

Discipline Building Construction Management

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 2 subject

Restrictions Students must be enrolled in 3782 Bachelor of Construction Management Advanced (Honours) AND have applied and selected by a partner organisation before enrolling in this subject.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Manage various aspects of a project related to Sustainable Construction, including planning and implementation, to produce agreed deliverables that align with feedback
2. Conduct research on the theoretical basis on the selected sustainable construction project demonstrating ethical, digital and information literacy
3. Reflect on the learning and professional development achievements related to the selected sustainable construction project
4. Apply communication and collaboration skills through the selected sustainable construction project and the workplace
5. Integrate appropriate sustainability principles skills into the construction management context

Subject Content

Students will learn any of the following sustainable construction practices along with relevant theoretical knowledge through research:

- sustainability assessments,
- managing green building projects,
- carbon emission assessments,
- cost-benefit analysis,
- circular economy.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Proposal	1000 words	20	N	Individual
Presentations	15minutes (each)	30	N	Individual
Report	2000 words plus an agreed deliverable	50	N	Individual

Teaching Periods

Spring Online

Online

Subject Contact Sepani Senaratne ([https://directory.westernsydney.edu.au/search/name/Sepani Senaratne/](https://directory.westernsydney.edu.au/search/name/Sepani%20Senaratne/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2014_22-SPR_ON_0#subjects)