

# BLDG 2014 WORK-INTEGRATED LEARNING IN SUSTAINABLE CONSTRUCTION

**Credit Points** 10

**Legacy Code** 301429

**Coordinator** Keivan Bamdad Masouleh ([https://directory.westernsydney.edu.au/search/name/Keivan Bamdad Masouleh/](https://directory.westernsydney.edu.au/search/name/Keivan+Bamdad+Masouleh/))

**Description** In this subject, 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 subject 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 fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/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.

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

Teaching Periods

## Spring (2025)

### Online

#### Online

**Subject Contact** Keivan Bamdad Masouleh ([https://directory.westernsydney.edu.au/search/name/Keivan Bamdad Masouleh/](https://directory.westernsydney.edu.au/search/name/Keivan+Bamdad+Masouleh/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BLDG2014\\_25-SPR\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BLDG2014_25-SPR_ON_2#subjects))