



UNSW

UNSW Course Outline

LAND2251 Planting Design at the Landscape Scale - 2024

Published on the 29 Jan 2024

General Course Information

Course Code : LAND2251

Year : 2024

Term : Term 1

Teaching Period : T1

Is a multi-term course? : No

Faculty : Faculty of Arts, Design and Architecture

Academic Unit : School of Built Environment

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Kensington

Campus : Sydney

Study Level : Undergraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

In Planting Design at the Landscape Scale, you will develop your knowledge of plants and plant communities through a focus on medium to large scale planting design and green infrastructure that supports healthy urban environments. You will examine planting design strategies and

structures as integral components of urban and suburban landscape systems. You will explore the planting design strategies that have been implemented or proposed in the Sydney Region. The course is offered at the same time as the second-year design studio, LAND2201(Landform and Planting) allowing you to draw on and apply the knowledge and skills to your studio project.

Relationship to Other Courses

This course is offered at the same time as LAND2201: Design Studio 3. Knowledge and skills developed in this course will support your studio work.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Explain the relationship of landscape vegetation structure to urban form and contemporary ecological theory.
CLO2 : Analyse large scale vegetation complexes using digital datasets.
CLO3 : Develop landscape scale planting strategies for green infrastructure features which address issues of adaptation, mitigation and resiliency in a metropolitan context.
CLO4 : Document landscape scale planting strategies to professional standards.

Course Learning Outcomes	Assessment Item
CLO1 : Explain the relationship of landscape vegetation structure to urban form and contemporary ecological theory.	<ul style="list-style-type: none">• Concepts and Challenges of Urban Ecology in Sydney• Green Infrastructure at the Landscape Scale
CLO2 : Analyse large scale vegetation complexes using digital datasets.	<ul style="list-style-type: none">• Concepts and Challenges of Urban Ecology in Sydney• Green Infrastructure at the Landscape Scale
CLO3 : Develop landscape scale planting strategies for green infrastructure features which address issues of adaptation, mitigation and resiliency in a metropolitan context.	<ul style="list-style-type: none">• Green Infrastructure at the Landscape Scale
CLO4 : Document landscape scale planting strategies to professional standards.	<ul style="list-style-type: none">• Concepts and Challenges of Urban Ecology in Sydney• Green Infrastructure at the Landscape Scale

Learning and Teaching Technologies

Moodle - Learning Management System

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Concepts and Challenges of Urban Ecology in Sydney Assessment Format: Group	40%	Start Date: 14/02/2024 11:00 AM Due Date: 05/03/2024 08:00 PM
Green Infrastructure at the Landscape Scale Assessment Format: Individual	60%	Start Date: 06/03/2024 11:00 AM Due Date: 19/04/2024 08:00 PM

Assessment Details

Concepts and Challenges of Urban Ecology in Sydney

Assessment Overview

Working with your peers, you will identify and assess the spatial and ecological context of a landscape planting complex. You will explore the application of fundamental urban ecological principles to understand ecological sustainability of urban ecological fragments. You will communicate your findings in a report. Grading will be done with a rubric accompanied by written feedback. Individual contributions will be assessed.

Course Learning Outcomes

- CLO1 : Explain the relationship of landscape vegetation structure to urban form and contemporary ecological theory.
- CLO2 : Analyse large scale vegetation complexes using digital datasets.
- CLO4 : Document landscape scale planting strategies to professional standards.

Submission notes

Submission file to be a pdf max size 50MB

Assignment submission Turnitin type

This is not a Turnitin assignment

Green Infrastructure at the Landscape Scale

Assessment Overview

You will assess a local, large scale green infrastructure strategy. You will identify and explain its attributes in terms of urban and landscape ecological concepts and principles. You will develop a proposal for implementation at the local scale. You will assess your proposal in relation to stated aims and government/industry standards. Grading will be done with a rubric accompanied by

written feedback. Individual contributions will be assessed.

Course Learning Outcomes

- CLO1 : Explain the relationship of landscape vegetation structure to urban form and contemporary ecological theory.
- CLO2 : Analyse large scale vegetation complexes using digital datasets.
- CLO3 : Develop landscape scale planting strategies for green infrastructure features which address issues of adaptation, mitigation and resiliency in a metropolitan context.
- CLO4 : Document landscape scale planting strategies to professional standards.

Submission notes

Submit to Moodle

Assignment submission Turnitin type

This is not a Turnitin assignment

General Assessment Information

Grading Basis

Standard

Requirements to pass course

You must pass both assessments to pass the course.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 12 February - 18 February	Topic	Introduction to the Course; Ecology; Endangered Ecological Communities
Week 2 : 19 February - 25 February	Topic	Landscape Ecology
Week 3 : 26 February - 3 March	Topic	Urban Ecology; Ecosystem Services
Week 4 : 4 March - 10 March	Topic	The Landscape of Western Sydney
Week 5 : 11 March - 17 March	Topic	Compulsory Field Trip (There will be a charge for this field trip)
Week 6 : 18 March - 24 March	Other	Flexibility Week
Week 7 : 25 March - 31 March	Topic	Planting Design Process at Scale
Week 8 : 1 April - 7 April	Topic	NSW Planning Instruments and their Relationship to Landscape
Week 9 : 8 April - 14 April	Topic	Fire, Flood and Rain Bombs - Are Urban Trees the Answer?
Week 10 : 15 April - 21 April	Topic	Novel Ecosystems; Other Forms of Infrastructure

Attendance Requirements

You are expected to be regular and punctual in attendance at all classes for the School of Built Environment courses in which you are enrolled. If and where individual courses have specific

attendance requirements, these will be stated in the course outline.

If you do not attend, engage, or participate in scheduled class activities, including lectures, tutorials, studios, labs, etc, you run the risk of failing a course.

If illness or unexpected and beyond your control circumstances prevent you from completing a task on time, or substantially disturb your assessment performance, you should apply for [Special Consideration](#), as soon as practicable, accompanied by appropriate documentation.

No special consideration will be provided if you miss out on essential course information and materials, or if you miss assessment tasks and deadlines due to unexplained absences or an unapproved lack of attendance.

You may be advised by the Course Convenor to withdraw from the course if significant learning activities are missed.

Course Resources

Prescribed Resources

- Beck, Travis. 2013, Principles of Ecological Landscape Design, Island Press, Washington, DC.
- Douglas, Ian (ed). 2020, The Routledge handbook of urban ecology, New York: Routledge. Online via UNSW library.
- Pickett, S., Cadenasso, M., McGrath, B. eds. 2013. Resilience in Ecology and Urban Design: linking theory and practice for sustainable cities, Springer, New York.
- Robinson, Nick. 2003, The Planting Design Handbook, Ashgate Press, Burlington Vermont. Online via UNSW library.

Recommended Resources

- Trowbridge, P. and Bassuk, N. 2004, Trees in the Urban Landscape: site assessment, design and installation, John Wiley & Sons, New York.

Additional Costs

Students will attend a site visit at own cost.

Course Evaluation and Development

Previous students told us:

They liked the short tutorial exercises when they related to the assessments; and

They preferred assessments that were base on real scenarios.

We responded by:

Ensuring that the tutorial exercises can be incorporated into the assessment submission; and

the assessment sites are relevant to contemporary planning and environmental issues.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Christina Sil k		Anita B. Lawrence Building, Rm 3015	Microsoft TEAMS	please email for an appointment	Yes	Yes
	Christina Sil k					No	No

Other Useful Information

Academic Information

Due to evolving advice by NSW Health, students must check for updated information regarding online learning for all Arts, Design and Architecture courses this term (via Moodle or course information provided).

Please see: <https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines> for essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Dean's List;
- review of results;
- credit transfer;
- cross-institutional study and exchange;
- examination information;
- enrolment information;
- Special Consideration in the event of illness or misadventure;
- student equity and disability;

And other essential academic information.

Academic Honesty and Plagiarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.
- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your

needs

- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

[Use of AI for assessments | UNSW Current Students](#)

Submission of Assessment Tasks

Turnitin Submission

If you encounter a problem when attempting to submit your assignment through Turnitin, please telephone External Support on 9385 3331 or email them on externalteltsupport@unsw.edu.au

Support hours are 8:00am – 10:00pm on weekdays and 9:00am – 5:00pm on weekends (365 days a year). If you are unable to submit your assignment due to a fault with Turnitin, you may apply for an extension, but you must retain your ticket number from External Support (along with any other relevant documents) to include as evidence to support your extension application. If you email External Support, you will automatically receive a ticket number, but if you telephone, you will need to specifically ask for one. Turnitin also provides updates on their system status on Twitter.

Generally, assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, alternative submission details will be stated on your course's Moodle site. For information on how to submit assignments online via Moodle: <https://student.unsw.edu.au/how-submit-assignment-moodle>

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request [Special Consideration](#) as early as possible before the deadline. Support with [Time Management is available here.](#)

School Contact Information

badmin@unsw.edu.au