



UNSW Course Outline

IEST6001 Restorative Ecologies: Permaculture Principles & Practice - 2024

Published on the 23 May 2024

General Course Information

Course Code : IEST6001

Year : 2024

Term : Term 2

Teaching Period : T2

Is a multi-term course? : No

Faculty : Faculty of Arts, Design and Architecture

Academic Unit : School of Humanities and Languages

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Kensington

Campus : Sydney

Study Level : Postgraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

This course will introduce foundational concepts of the ethics and principles of permaculture, a

regenerative systems approach founded in Australia and global in impact. In this course, you will gain confidence in permaculture restorative frameworks and methodologies in the contexts of environmental management, leadership, and sustainability. Permaculture design seeks to reconnect people with ecological processes, inter-relationships, and interdependence of living things and to integrate these knowledges to tend to ecosystems in ways that care for the Earth, care for people, and use a fair share of resources. Permaculture has an important role to play in the rapid transition to zero carbon or net negative carbon through restorative and regenerative ecological, social, and cultural practices. The course will have a focus on implementing permaculture solutions, demonstrating how theory learned during seminars applies to real world systems. In successfully completing this course, you will develop applied skills to design and implement urban/suburban permaculture solutions. In addition, in earning an 80% or higher in the course, you will earn a Permaculture Design Certificate.

Course Learning Outcomes

Course Learning Outcomes
CL01 : Explain ecological and social components of permaculture
CL02 : Identify how permaculture ethics and principles inform design for reconnecting humans with/as “nature” while providing abundance
CL03 : Demonstrate the fundamentals of ecosystem structure and function
CL04 : Integrate the key principles of water, soil, climate, trees, plants and social permaculture
CL05 : Apply permaculture design methodology to environment and society situations and settings

Course Learning Outcomes	Assessment Item
CL01 : Explain ecological and social components of permaculture	<ul style="list-style-type: none">• Site analysis and concept design• Detailed design and implementation report• Design presentation
CL02 : Identify how permaculture ethics and principles inform design for reconnecting humans with/as “nature” while providing abundance	<ul style="list-style-type: none">• Site analysis and concept design• Detailed design and implementation report• Design presentation
CL03 : Demonstrate the fundamentals of ecosystem structure and function	<ul style="list-style-type: none">• Site analysis and concept design• Detailed design and implementation report• Design presentation
CL04 : Integrate the key principles of water, soil, climate, trees, plants and social permaculture	<ul style="list-style-type: none">• Detailed design and implementation report• Design presentation
CL05 : Apply permaculture design methodology to environment and society situations and settings	<ul style="list-style-type: none">• Design presentation

Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate | Echo 360

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Site analysis and concept design Assessment Format: Individual Short Extension: Yes (3 days)	40%	Start Date: Not Applicable Due Date: 02/07/2024 11:59 PM
Detailed design and implementation report Assessment Format: Individual Short Extension: Yes (3 days)	40%	Start Date: Not Applicable Due Date: 30/07/2024 11:59 PM
Design presentation Assessment Format: Individual Short Extension: Yes (3 days)	20%	Start Date: Not Applicable Due Date: 30/07/2024 09:00 PM

Assessment Details

Site analysis and concept design

Assessment Overview

With guidance from the course convener, students will prepare a concept design. The concept design is a simple drawing showing the placement of key design elements for your chosen site. You must also submit a brief report (up to 1,000 words) documenting your process with individual design information as attachments/additional design layers.

Feedback via individual written comment.

Course Learning Outcomes

- CL01 : Explain ecological and social components of permaculture
- CL02 : Identify how permaculture ethics and principles inform design for reconnecting humans with/as “nature” while providing abundance
- CL03 : Demonstrate the fundamentals of ecosystem structure and function

Assessment Length

1,000 words (not including attachments) plus concept design drawing

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Detailed design and implementation report

Assessment Overview

With guidance from the course convener, students will complete a permaculture design for their chosen site. This report can be researched individually or in small groups, but each student submits an individual design and implementation report (up to 1,000 words + design).

Feedback via individual written comment.

Course Learning Outcomes

- CL01 : Explain ecological and social components of permaculture
- CL02 : Identify how permaculture ethics and principles inform design for reconnecting humans with/as “nature” while providing abundance
- CL03 : Demonstrate the fundamentals of ecosystem structure and function
- CL04 : Integrate the key principles of water, soil, climate, trees, plants and social permaculture

Assessment Length

2,000 words plus design

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Design presentation

Assessment Overview

Students to present their design to the class via a brief in-class presentation or recorded presentation (5 minutes). Students are expected to incorporate site photos, design brief, concept design and final design in their presentation.

Feedback via mark ,and oral comment and questions following the presentation.

Course Learning Outcomes

- CL01 : Explain ecological and social components of permaculture
- CL02 : Identify how permaculture ethics and principles inform design for reconnecting humans with/as “nature” while providing abundance
- CL03 : Demonstrate the fundamentals of ecosystem structure and function
- CL04 : Integrate the key principles of water, soil, climate, trees, plants and social permaculture
- CL05 : Apply permaculture design methodology to environment and society situations and settings

Assessment Length

NA

Submission notes

Submit by due date or present live in class.

Assignment submission Turnitin type

This is not a Turnitin assignment

General Assessment Information

Detailed information for each assessment will be provided on the course Moodle page

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 27 May - 2 June	Seminar	The first week is an interactive seminar that introduces the whole course. We will consider: <ul style="list-style-type: none"> • Acknowledgement of country, introductions, course expectations and housekeeping. • What is permaculture? • Permaculture history and future opportunities • An ecological perspective • Permaculture ethics • Introduction to design methods - site selection • Field trip logistics
Week 2 : 3 June - 9 June	Seminar	<ul style="list-style-type: none"> • Principles of ecology • Map reading • Design patterns • Sector and zone analysis • Zone 0 - Siting, building and furnishing eco-homes • Zone 1: Home food gardens
Week 3 : 10 June - 16 June	Seminar	<ul style="list-style-type: none"> • Water and landscape • Aquaculture • Soils • Living with weeds • Earthworks • Zone 2: orchards, food forests and small animals • Design graphics and creative problem solving
Week 4 : 17 June - 23 June	Seminar	<ul style="list-style-type: none"> • Designing with climate • Microclimate • Plants and seeds in permaculture • Integrated pest management • Forests and windbreaks • Zone 3 - cropping and large animals • Zone 4 Restorative forests • Zone 5 Natural forests and oceans
Week 5 : 24 June - 30 June	Homework	Study break
Week 6 : 1 July - 7 July	Fieldwork	Assessment 1 due and field trip. Friday 5th July – Sydney fieldtrip, overnight accommodation in Wollongong. Saturday 6th July – Wollongong fieldtrip, hands on experience with earthworks and building no dig gardens. Overnight accommodation in Wollongong.
Week 7 : 8 July - 14 July	Fieldwork	Study break
Week 8 : 15 July - 21 July	Homework	Study break
Week 9 : 22 July - 28 July	Seminar	<ul style="list-style-type: none"> • Permaculture and ethical workplace / businesses • Bioregions • Land ownership, land ethics and access • Designing communities • Designing cities • Ethical money
Week 10 : 29 July - 4 August	Seminar	<ul style="list-style-type: none"> • Design presentations • Working in permaculture • PDC graduate responsibilities.
Week 11 : 5 August - 11 August	Homework	Study break

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

Course Resources

Prescribed Resources

The textbook set for this course is available for free electronically on our Moodle via UNSW Library and for sale in print from the UNSW bookshop: [Earth restorer's guide to permaculture](#)

Other key readings and other materials will be available via your Moodle site.

Attendance & Readings: Traditionally permaculture design courses are a 2-week intensive immersive 72-hour course where you live on site with your teachers and fellow students. For this course the time in seminars is limited to 15 hours, and an additional 18 hours for the field trip. Your attendance is important to your success. To make the most of the time in seminars along with the weekly readings you will need to complete reading/watching BEFORE class and activities AFTER class. These activities are practical activities designed to support you in progressively working toward your major assessment, as the major assessment is not the sort of thing you can pull an all-nighter on the day before it is due. While it is not a requirement of the course that you complete all weekly activities to receive the credit toward your degree, in order to receive a permaculture design certificate you must complete all exercises to provide evidence you have completed 72 hours of work. In earning an 80% or higher in the course, and with 80% or higher attendance, you will earn a Permaculture Design Certificate.

Recommended Resources

You are expected to make good use of the readings provided for the course, and to read beyond those materials for your assignments. Independent research is expected.

The textbook set for this course is available for free electronically on our Moodle via UNSW Library and for sale in print from the UNSW bookshop: [Earth restorer's guide to permaculture](#)

Rosemary Morrow author. ; Rob Allsop illustrator. ; Vandana Shiva author of foreword.

Revised edition., Hepburn, Victoria : Melliodora Publishing, 2022

The following resources are available from the UNSW Library and are recommended:

[Permaculture : a designers' manual](#)

B. C. Mollison ; Andrew Jeeves 1956-

Tyalgum, N.S.W. : Tagari Publications, 1988

[Permaculture : principles & pathways beyond sustainability](#)

David. Holmgren ; Holmgren Design Services.

Hepburn, Vic. : Holmgren Design Services, 2002

[Permaculture one : a perennial agriculture for human settlements](#)

B. C. Mollison ; David Holmgren

Tyalgum, NSW : Tagari Publications, 1987

[Permaculture two : practical design for town and country in permanent agriculture](#)

B. C. Mollison

Stanley, Tas. : Tagari, 1979

[RetroSuburbia : the downshifter's guide to a resilient future](#)

Holmgren, David.

Hepburn Springs, Vic. : Melliodora Publishing, 2018

[The transition : to a sustainable and just world](#)

F. E. Trainer

Canterbury, N.S.W. : Envirobook, c2010

[Global gardener](#)

B. C Mollison ; Tony Gailey ; Julian Russell ; Film Australia.

c1991

[The Politics of Permaculture.](#)

Terry. Leahy

Course Evaluation and Development

Past experience and student feedback on the UNSW online survey tool myExperience indicates the importance of students doing close and careful reading of the weekly assigned readings, or engaged student participation in class discussions, field trip participation and of student independent research.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Jacqui Besgrove		TBC	NA	By appointment. In person or online.	No	Yes

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

School of Humanities & Languages

Email: hal@unsw.edu.au

Location: School Office, Morven Brown Building, Level 2, Room 258

Opening Hours: Monday - Friday, 9am - 5pm