



UNSW Course Outline

ARCH1201 Architectural Design Studio 3 - 2024

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General Course Information

Course Code : ARCH1201

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

Architectural Design Studio 3 develops your understanding of the architectural design process through a residential project of moderate programmatic, spatial, material and environmental complexity and its integration with the urban context. You will investigate design strategies for

thermal comfort and low carbon living through an interpretive analysis of project site conditions, local climate and architectural precedents. You will learn how to articulate your ideas with a clear conceptual, schematic and developed design proposal.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Apply an iterative architectural design process comprising of the interpretation of the design brief and architectural precedents, and the creation of a conceptual and schematic design proposal to an intermediate level of resolution.
CLO2 : Apply intermediate knowledge of social, ethical, environmental concerns and regulatory requirements to the architectural design process.
CLO3 : Communicate architectural concepts through hand sketches, models and digital representation.
CLO4 : Analyse thermal comfort and low carbon living for architectural design.

Course Learning Outcomes	Assessment Item
CLO1 : Apply an iterative architectural design process comprising of the interpretation of the design brief and architectural precedents, and the creation of a conceptual and schematic design proposal to an intermediate level of resolution.	<ul style="list-style-type: none">• Positioning• Strategy• Proposal
CLO2 : Apply intermediate knowledge of social, ethical, environmental concerns and regulatory requirements to the architectural design process.	<ul style="list-style-type: none">• Strategy• Proposal
CLO3 : Communicate architectural concepts through hand sketches, models and digital representation.	<ul style="list-style-type: none">• Positioning• Strategy• Proposal
CLO4 : Analyse thermal comfort and low carbon living for architectural design.	<ul style="list-style-type: none">• Positioning• Strategy• Proposal

Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate | Microsoft Teams | Echo 360

Learning and Teaching in this course

The course will include a combination of lectures and tutorials. You will be asked in advance to weekly produce specific tasks to present in your tutorial group for effective design feed-back and for preparing you to submit three specific assessments. You will be provided with verbal and

written feedback at your formal tutorial group design presentation and through Moodle.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Positioning Assessment Format: Individual	10%	
Strategy Assessment Format: Individual	30%	
Proposal Assessment Format: Individual	60%	

Assessment Details

Positioning

Assessment Overview

You will research, analyse, and question the site, its context, precedents of terrace house projects and design briefs for low carbon living, producing annotated graphic diagrams, drawings and study models. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Apply an iterative architectural design process comprising of the interpretation of the design brief and architectural precedents, and the creation of a conceptual and schematic design proposal to an intermediate level of resolution.
- CLO3 : Communicate architectural concepts through hand sketches, models and digital representation.
- CLO4 : Analyse thermal comfort and low carbon living for architectural design.

Strategy

Assessment Overview

You will explore design ideas for low carbon living and develop a clear architectural strategy demonstrated in a schematic design. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Apply an iterative architectural design process comprising of the interpretation of the design brief and architectural precedents, and the creation of a conceptual and schematic design proposal to an intermediate level of resolution.

- CLO2 : Apply intermediate knowledge of social, ethical, environmental concerns and regulatory requirements to the architectural design process.
- CLO3 : Communicate architectural concepts through hand sketches, models and digital representation.
- CLO4 : Analyse thermal comfort and low carbon living for architectural design.

Proposal

Assessment Overview

You will develop a clearly articulated proposal for a low carbon residential design based on an integrated understanding of site and program in an urban condition. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Apply an iterative architectural design process comprising of the interpretation of the design brief and architectural precedents, and the creation of a conceptual and schematic design proposal to an intermediate level of resolution.
- CLO2 : Apply intermediate knowledge of social, ethical, environmental concerns and regulatory requirements to the architectural design process.
- CLO3 : Communicate architectural concepts through hand sketches, models and digital representation.
- CLO4 : Analyse thermal comfort and low carbon living for architectural design.

General Assessment Information

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 12 February - 18 February	Studio	Lecture: Introduction to Low Carbon Urban Living Reading required prior to week 1 lecture and tutorial: <ul style="list-style-type: none">• Course Outline and Design Guidelines• http://www.yourhome.gov.au/passive-design/design-climate• Cameron Bruhn, Katelin Butler eds, (2015) The Terrace House. Re-imagined for the Australian Way of Life. Introduction and please select one project from the publication Tutorial: Reading the Brief, Questioning the Project Site, Briefing on site environmental analysis
Week 2 : 19 February - 25 February	Studio	Lecture: Questioning the Precedents Tutorial: Design investigation of the site constraints and opportunities. Questioning the Precedents
Week 3 : 26 February - 3 March	Studio	Lecture: Design Method Tutorial: Reviews and working on testing conceptual design options
Week 4 : 4 March - 10 March	Assessment	Presentation: Project 1 Positioning present in your tutorial class on Thursday 7 March Submission: Project 1 Positioning upload by 5pm on Friday 8 March
Week 5 : 11 March - 17 March	Studio	Lecture: An Initial Passive Design Strategy Tutorial: Reviews and working on testing design options
Week 6 : 18 March - 24 March	Other	Flexibility Week: no classes this week
Week 7 : 25 March - 31 March	Studio	Lecture: On Housing Design with Invited guest Tutorial: Reviews and working on testing design options
Week 8 : 1 April - 7 April	Assessment	Submission: Project 2 Strategy upload in Moodle by 5pm on Wednesday 3 April Presentation and critique: Present Project 2 Strategy in your tutorial class on Thursday 4 April
Week 9 : 8 April - 14 April	Studio	Lecture: Elaborating on Design Proposal Tutorial: Reviews and working on design development
Week 10 : 15 April - 21 April	Studio	Lecture: Working towards Project 3 – A reflection on your design process Tutorial: Reviews and working on design development
Week 11 : 22 April - 28 April	Other	No tutorial working individually on your design development in preparation for week 12 final presentation
Week 12 : 29 April - 5 May	Assessment	Submission: Project 3 Final Design Proposal upload by 5pm on Wednesday 1 May Presentation and critique: Present Project 3 Final Design Proposal in your tutorial class

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

Cameron Bruhn, Katelin Butler eds, (2015) *The Terrace House. Re-imagined for the Australian Way of Life*, Thames & Hudson. Australian Examples

Choose an example that captures your imagination for the inspiring articulation of volumes, spatial ambiances and vertical circulation.

Recommended Resources

Geoffrey Baker, (1984), *Le Corbusier: an analysis of form*, New York: Van Nostrand Reinhold

Raymond Unwin, (2006) *Analysing Architecture*, Routledge: London and New York

Michael Pause, Roger Clark, (1996), *Precedents in architecture*, New York: Van Nostrand Reinhold.

Guide to low carbon residential buildings – new build <https://apo.org.au/sites/default/files/resource-files/2019/05/apo-nid239826-1381141.pdf>

Residential Flat Design Code (2002), NSW Planning Department <https://www.planning.nsw.gov.au/~/media/Files/DPE/Manuals-and-guides/residential-flat-designcode-2002-02.ashx>

Course Evaluation and Development

We encourage and support students to maintain regular contact with the course convenor to provide informal feedback throughout the course. For specific issues or detailed feedback, please arrange a meeting with the course convenor via email.

In this course there is an option for students to provide anonymous feedback via the course's Moodle page, which is directly sent to the convenor. As a final step, students are invited to share their insights and experiences by completing the MyExperience survey. The feedback gathered each year is integral to the continuous enhancement and development of the course.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
	Paola Favaro					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

beadmin@unsw.edu.au