ARCH7112 Integrated Design Studio 1 - 2024

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General Course Information

Course Code : ARCH7112
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 Built Environment
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

ARCH7112 Integrated Design Studio 1 prepares you for ARCH7113 Integrated Design Studio 2 and Graduation Studio by providing a foundation in architectonics: an integrative practice exploring interrelationships between design, technology and performance across architectural scales, processes and representations.

Within the thematic of the four major streams offered in the Master of Architecture degree, and using architectonics as the theoretical framework, in this course you will develop the knowledge and ability to apply the relevant units of competency required for professional architects. You will focus on Project Initiation and Conceptual Design and prepare for Detailed Design and Documentation which are further explored in ARCH7113 Integrated Design Studio 2.

Relationship to Other Courses

ARCH7112 is a pre-requisite for ARCH7113.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Appraise architectural design ideas and alternative solutions in the formulation of a creative and coherent conceptual design proposal.
CLO2 : Assess the regulatory, environmental, disciplinary, technical, contextual and social considerations of a design proposal.
CLO3 : Develop a conceptual design into a detailed design through iterative refinement and testing of options.
CLO4 : Document and present an architectural design including key generative concepts and organising principles.
CLO5 : Apply reflective practice, critical thinking and creativity in the initiation and concept design phases of an architectural project.

Course Learning Outcomes	Assessment Item
CLO1 : Appraise architectural design ideas and alternative solutions in the formulation of a creative and coherent conceptual design proposal.	• Project Initiation • Conceptual Design • Design Development
CLO2 : Assess the regulatory, environmental, disciplinary, technical, contextual and social considerations of a design proposal.	• Project Initiation • Conceptual Design • Design Development
CLO3 : Develop a conceptual design into a detailed design through iterative refinement and testing of options.	• Conceptual Design • Design Development
CLO4 : Document and present an architectural design including key generative concepts and organising principles.	• Project Initiation • Conceptual Design • Design Development
CLO5 : Apply reflective practice, critical thinking and creativity in the initiation and concept design phases of an architectural project.	• Project Initiation • Conceptual Design • Design Development

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

The course is delivered in design studio format together with lectures and site visits. Studio sessions encourage design dialogue and peer review. Assessment activities support an iterative and reflective approach to the design process. Weekly design reviews facilitate the development of students' critical, creative and reflective architectural thinking through an iterative design process that progressively engages with the key competencies expected of graduate architects in Australia.

The studio context provides students with authentic learning opportunities by enabling peer-to-peer learning while recognizing and building on students' prior knowledge and skills. Access to relevant technology and emergent disciplinary knowledge provide opportunities for enhancing student confidence in independent design within a supportive, enabled environment. Lecture content, studio activities and autonomous learning tasks are designed to progressively build students' understanding of and confidence in the application of conceptual and detailed design.

Additional Course Information

Please refer to Moodle for additional course information.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Project Initiation Assessment Format: Individual	20%	Due Date: 19/06/2024 11:00 PM
Conceptual Design Assessment Format: Individual	20%	Due Date: 17/07/2024 11:00 PM
Design Development Assessment Format: Individual	60%	Due Date: 14/08/2024 11:00 PM

Assessment Details

Project Initiation

Assessment Overview

You will develop your design project demonstrating research and analysis of a range of ideas

addressing feasibility, development options and context. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Appraise architectural design ideas and alternative solutions in the formulation of a creative and coherent conceptual design proposal.
- CLO2 : Assess the regulatory, environmental, disciplinary, technical, contextual and social considerations of a design proposal.
- CLO4 : Document and present an architectural design including key generative concepts and organising principles.
- CLO5 : Apply reflective practice, critical thinking and creativity in the initiation and concept design phases of an architectural project.

Detailed Assessment Description

You will develop your design project demonstrating research and analysis of a range of ideas addressing feasibility, development options and context. Assessment 1 consists of a studio presentation and the submission of student work (drawings, models, reports, etc.) that documents **project initiation** leading to a design concept. Project initiation should demonstrate *critical research, analysis and the exploration of approaches, design ideas and alternative solutions*. Project initiation includes "project feasibility assessments" and the identification and evaluation of "project development options" along with site, cultural and contextual analysis towards the development of a coherent design concept.

Refer to Assessment 1 description, requirements and assessment criteria in the **Course Outline** in Moodle.

Submission notes

ASSESSMENT 1 – Project initiation (20%), due in Week 4: online submission via Moodle on Wednesday 19/06 before 11pm; presentation on Thursday 20/06 during studio period.

Assessment information

ALL students are required to submit digital copies of their completed work via Moodle (including PDFs of all drawings, reports and photos of models) the evening before the assessment presentation (i.e., Assessment 1 is due via Moodle on **Wednesday 19 June 2024 prior to 11pm**).

Assignment submission Turnitin type

This is not a Turnitin assignment

Conceptual Design

Assessment Overview

You will develop your conceptual design, demonstrating understanding of planning and construction codes and appraisal of form, spatial quality, technology and environment. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Appraise architectural design ideas and alternative solutions in the formulation of a creative and coherent conceptual design proposal.
- CLO2 : Assess the regulatory, environmental, disciplinary, technical, contextual and social considerations of a design proposal.
- CLO3 : Develop a conceptual design into a detailed design through iterative refinement and testing of options.
- CLO4 : Document and present an architectural design including key generative concepts and organising principles.
- CLO5 : Apply reflective practice, critical thinking and creativity in the initiation and concept design phases of an architectural project.

Detailed Assessment Description

You will develop your conceptual design, demonstrating understanding of planning and construction codes and appraisal of form, spatial quality, technology and environment. Assessment 2 consists of a studio presentation and the submission of student work (drawings, models, perspectives, etc.) that documents the **conceptual design** leading to a coherent design proposition that satisfies the brief, respects Country and is capable of compliance with planning controls and construction codes. Conceptual design involves developing the initial concept via iterative explorations of 3-D form, spatial quality, materiality (and their interrelationships) and research into design precedents and emerging disciplinary knowledge. Conceptual design should demonstrate research, analysis and the exploration of approaches, design ideas and *alternative solutions* and the appraisal of technological, environmental and regulatory considerations.

Refer to Assessment 2 description, requirements and assessment criteria in the **Course Outline** in Moodle.

Submission notes

ASSESSMENT 2 – Conceptual design (20%), due in Week 8: online submission via Moodle on Wednesday 17/07 before 11pm; presentation on Thursday 18/07 during studio period.

ALL students are required to submit digital copies of their completed work via Moodle (including PDFs of all drawings, reports and photos of models) <u>the evening before the assessment presentation</u> (i.e., Assessment 2 is due via Moodle on **Wednesday 17 July 2024 prior to 11pm**).

Assignment submission Turnitin type

This is not a Turnitin assignment

Design Development

Assessment Overview

You will develop your design, demonstrating environmental performance evaluation, regulatory compliance, programmatic, 3D-form and spatial resolution and refinement of materials and construction systems. Grading will be done against assessment criteria accompanied by written feedback. Verbal feedback will also be given in the studio.

Course Learning Outcomes

- CLO1 : Appraise architectural design ideas and alternative solutions in the formulation of a creative and coherent conceptual design proposal.
- CLO2 : Assess the regulatory, environmental, disciplinary, technical, contextual and social considerations of a design proposal.
- CLO3 : Develop a conceptual design into a detailed design through iterative refinement and testing of options.
- CLO4 : Document and present an architectural design including key generative concepts and organising principles.
- CLO5 : Apply reflective practice, critical thinking and creativity in the initiation and concept design phases of an architectural project.

Detailed Assessment Description

You will develop your design, demonstrating environmental performance evaluation, regulatory compliance, programmatic, 3D-form and spatial resolution and refinement of materials and construction systems. Assessment 3 consists of a studio presentation and the submission of student work (drawings, models, renders, etc.) that documents the **design development** of the conceptual design and the **preliminary integration of technical solutions** leading to a resolved conceptual design capable of detailed design.

Refer to Assessment 3 description, requirements and assessment criteria in the **Course Outline** in Moodle.

ASSESSMENT 3 – Design development & preliminary integration of technical solutions (60%) due in Week 12: online submission via Moodle on Wednesday 14/08 before 11pm; presentation on Thursday 15/08 – times to be confirmed.

<u>Assessment information</u>

ALL students are required to submit digital copies of their completed work via Moodle (including PDFs of all drawings, reports and photos of models) <u>the evening before the assessment presentation</u> (i.e. Assessment 3 is due via Moodle on **Wednesday 14 August 2024 prior to 11pm**).

<u>Assignment submission Turnitin type</u>

This is not a Turnitin assignment

General Assessment Information

Refer to the Course Outline in Moodle for a detailed description of the requirements and assessment criteria for all assessments.

The Use of Artificial Intelligence in Assessments

For Basic Fact-Finding Research and Planning Assistance:

As assessment tasks involve research, planning and creative processes, you are permitted to use software for "basic fact-finding research" and to generate "initial ideas" provided you strictly adhere to the requirements below:

For basic fact-finding research (i.e., research *without* critical appraisal and predominantly consisting of *descriptions* of available information), the use of AI or other software is permitted BUT output (used during studio discussions and for assessments) must be clearly attributed with full referencing. If the outputs of generative AI such as ChatGPT form part of your assessment submission and are not appropriately attributed, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

To cite: OpenAI (Year Accessed). ChatGPT. OpenAI. https://openai.com/models/chatgpt/

Please **note** that the outputs from these tools are not always accurate, appropriate, nor properly referenced. You should ensure that you have **moderated and critically evaluated** the outputs from

generative AI tools such as ChatGPT before assessment submission.

For "initial ideas" regarding planning and creative processes:

For "initial ideas" regarding planning and creative processes, you must critically appraise, develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e. only *occasional* AI generated words, phrases or images may form part of your final submission. It is required of you to keep copies of the initial prompts to show your lecturer/ convenor if there is any uncertainty about the originality of your work.

For "initial ideas" regarding planning and creative processes, if the outputs of generative AI such as ChatGPT form a part of your submission without substantial editing/developing into your own original work, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Supplementary Assessment Information

In this course, ARCH7112, a Supplementary Assessment may be offered at the end of term, after results for the course are finalised, to students who satisfy the following conditions:

- your final result in ARCH7112 is between 45 - 49FL.
- your failure of the course is not due to misconduct or lateness (and no other misconduct incidents or academic matters under review).
- you have not failed the course in previous years.
- you have attempted all assessment tasks in the course and met all attendance requirements if and as specified.

Your Course Convener will contact eligible students via email at the end of term.

A satisfactory grade for the Supplementary Assessment will result in a final mark/grade for the course of 50PS. An unsatisfactory grade for the Supplementary Assessment will result in no change to your original mark/grade for course. Once you have agreed to complete the supplementary assessment, you will have no further recourse to an appeal or a request for a review of results.

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 0 : 20 May - 26 May	Activity	All enrolled students to complete the Moodle Poll for stream preference voting (an announcement via Moodle will be made with voting instructions).
Week 1 : 27 May - 2 June	Activity	9am - 10am LECTURE 10am STUDIO/SITE VISITS (site visit arrangements to be communicated prior)
Week 2 : 3 June - 9 June	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 3 : 10 June - 16 June	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 4 : 17 June - 23 June	Assessment	ASSESSMENT 1 – Project initiation (20%), due Week 4. Online submission via Moodle on Wednesday 19/06 before 11pm. PRESENTATION on Thursday 20/06 during studio period (10am - 4pm).
Week 5 : 24 June - 30 June	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 6 : 1 July - 7 July	Other	NON-TEACHING (Flexibility) WEEK
Week 7 : 8 July - 14 July	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 8 : 15 July - 21 July	Assessment	ASSESSMENT 2 – Conceptual Design (20%), due Week 8. Online submission via Moodle on Wednesday 17/07 before 11pm. PRESENTATION on Thursday 18/07 during studio period (10am - 4pm).
Week 9 : 22 July - 28 July	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 10 : 29 July - 4 August	Activity	9am - 10am LECTURE 10am - 4pm STUDIO
Week 11 : 5 August - 11 August	Other	Study Break - NO STUDIO
Week 12 : 12 August - 18 August	Assessment	ASSESSMENT 3 – Design development & preliminary integration of technical solutions (60%), due Week 12. Online submission via Moodle on Wednesday 14/08 before 11pm. PRESENTATION on Thursday 15/08 in studio (10am - 4pm). NOTE: start/end times may differ for each stream.

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.

General Schedule Information

Refer to the Course Outline in Moodle for additional information regarding the Weekly Course Schedule.

Course Resources

Recommended Resources

Refer to the list of reading resources in Moodle.

Refer to UNSW IT website and Computer Labs for available software.

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
Convenor	Jonathan Fox		Room 4005, Level 4, ABL Centre West Wing		Appointments via email (drop-in times: Thursdays 4:30pm - 5pm).	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 Plagarism

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