

ARBE6231: Architecture Studio 7

Callaghan

Semester 1 - 2024



OVERVIEW

Course Description

Master of Architecture students engage in design-led research praxis: the exploration, development, and proposition of architectural projects across a broad range of complex programmes and scenarios. Students at a Master level of study are expected to learn to apply themselves with a high level of rigor and self-direction. Studio offerings range in their nature but will all encompass working on a project through all aspects of design, from research and conceptual formation to a detailed level of resolution and technical refinement. Master of Architecture studios help students to act in the world in a conscientious manner, to work with others, and to communicate (through verbal and visual means) with clarity and maturity. Architecture Studio 7 frames design-led research through introducing students to specific methodologies and ways of thinking. Principally it engages with Indigenous knowledges and worldviews to emphasise cultural and environmental care and custodianship into the future. Studio 7 learning activities are focused on the conceptualisation and interrogation of a project brief—as processes underpinned by robust and design-led research—and on the iteration and communication of projects that emerge from that process. Students are invited to deeply explore their projects through drawing and modelling processes and to build skills in the production and building of architectural propositions.

Academic Progress Requirements

Nil

Requisites

Only students enrolled in the Master of Architecture [12060] are eligible to enrol in this course.

Contact Hours

Callaghan Studio

Face to Face On Campus

91 hour(s) per term

Lectures are incorporated in Studio sessions. Optional -3 hour Face to Face on Campus

Unit Weighting Workload

30

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

COURSE OUTLINE

CONTACTS

Course Coordinator **Callaghan**
Dr Irene Perez Lopez
Irene.Perezlopez@newcastle.edu.au
(02) 4921 6608
Consultation: Email Course Coordinator for any issue or to request a meeting

Teaching Staff Refer to Canvas for details on Stream Leaders

School Office **School of Architecture and Built Environment**
Architecture Building
Callaghan
archbe@newcastle.edu.au
+61 2 4921 5771

SYLLABUS

Course Content **Master of Architecture Studio Themes Connecting with Country:** Master of Architecture Studios foreground working on Country and with communities: on what it means to design projects that occupy un-ceded land, and on the capacity of architects to act with custodianship and care. Studio projects seek to embed Aboriginal and Torres Strait Islander world views and perspectives in emergent design processes, through meaningful and respectful engagement with culture, Country and community. Studio projects will demonstrate care for Country through formulating deep approaches to environmental sustainability. This might include consideration for energy and water consumption, resources depletion, waste, embodied carbon, and carbon emissions over the life cycle of students' projects. **Design-led research praxis:** Master of Architecture Studios are designed to inhabit the rich territory between the theoretical, the propositional and the situational. Individual Studio briefs may range in scope and nature, they all attend to this nexus, while questioning normative assumptions about design and environments. Design-led research praxis is defined as the explorative embodiment of concepts through rigorous, critical, project-based design exploration, informed by gathering, analysing, and synthesising an array of relevant information. **Complex projects and contexts:** Architecture's critical relationship to the complex nature of built and unbuilt environments is key. Studios focus on architecture's affects: on contributions to, and integration into, complex, extant environments – be they physical, social, cultural, or ecological. Students will navigate complexities and constraints in a variety of forms. **Synthesis and testing:** All studios will incorporate methodologies of analogue and/or digital analysis and testing to frame, progress, and refine propositions. Students will experiment with design methods, media, and representational strategies. Formal, compositional, and aesthetic choices should be underpinned by explorative design processes. **Resolution and refinement:** Master of Architecture studio projects require a capacity for producing coherent architectural proposals, incorporating structural, technical, technological and performative building requirements. Students will develop a capacity for critical and creative reflection on their own work and others' as part of this refinement. **Ethics and inclusivity:** Master of Architecture projects entail an ethical dimension and acknowledge their presence on unceded lands whether local or global. Resilience and custodianship for human and non-human agents underpin studio projects, and considerations for difference, diversity and respect are cultivated as paramount to the actions of an architect.

Course Learning Outcomes **On successful completion of this course, students will be able to:**

1. Undertake design-research methods to develop a proposition that meaningfully engages with Indigenous perspectives and knowledges.
2. Develop skills in design methods, strategies and media.

3. Demonstrate iterative design practice in a process of ongoing conceptual and formal experimentation.
4. Develop a capacity to elucidate and critique your work, and the work of others, through verbal and textual communication.
5. Articulate research, propositions, and resolved scheme through appropriate architectural communication methods
6. Integrate strategies for environmental sustainability that meaningfully engage with care for Country over the life cycle of a project

Course Materials

Other Resources:

Refer to CANVAS for details

ASSESSMENTS

This course has 3 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Assessment 1	Week 7: Thursday 11 April, 5:00PM (AEST)	Individual	20%	2, 3, 4, 5
2	Assessment 2	Week 12: Thursday 30 May, 5:00PM (AEST)	Individual	40%	1, 2, 3, 4, 5, 6
3	Compendium	3A (20% of Course Mark) Week 8: Monday 29 April, 5:00PM (AEST) 3B (20% of Course Mark) Week 14: Thursday 13 June, 5:00PM (AEST)	Individual	40%	1, 2, 3, 4, 5, 6

Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Assessment 1

Assessment Type

Project

Description

The first phase of the semester will entail a rigorous interrogation of the project brief, site and associated theories and practices of research-led design. In this assessment, students must articulate an informed theoretical position against which to read their preliminary design proposals, engaging questions of professional ethics and inclusivity, cultural and community values, and connecting to and caring for Country alongside a sustained and explorative process of formal, spatial and programmatic synthesis and testing. Using compelling and accurate methods of representation, precedent analysis and theoretical argumentation, students must clearly communicate their understanding of the complexities presented in their design stream brief and identify the agency of architectural design to meaningfully address them.

Submission Requirements

1. Appropriate types and levels of documentation to communicate an emerging response to the project brief and site as described above.
2. A clear and engaging verbal presentation that adheres to all time and quantity limits.

Weighting

20%

Length

REFER TO YOUR STREAM GUIDE FOR DETAILED PROJECT BR

Due Date

Week 7: Thursday 11 April, 5:00PM (AEST)

Submission Method

Online

Online

Upload your assignment to Canvas by the due date in a PDF format. No file is to exceed 20MB in size. Files are to be labelled with your student number, your name, stream, assignment number, and description of the deliverable using the format below:

STUDENT NUMBER_SURNAME_FIRST NAME_STREAM_A#_DESCRIPTION.pdf

(e.g. C3110249_Smith_Sam_Thesis_A1_Presentation.pdf)

Assessment Criteria

Submissions will be assessed at scheduled critique sessions.

Return Method

See CANVAS for detailed rubric

Feedback Provided

Online

Opportunity to

Online - 21 days from submission.

Reattempt

Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 2

Assessment Type Description

Project

The second phase of semester requires students to further develop their response to the project brief. Proposals submitted for Part 2 must be fully resolved and highly refined schemes incorporating appropriate levels of structural, technical, technological and performative detail. Proposals must be compellingly and accurately represented. Students must clearly formulate an informed theoretical agenda for their proposals, derived from the independent research, course workshops and stakeholder consultation conducted throughout the semester. In addition to the requirements set out in the project brief, students must elucidate how their proposal connects to and cares for Country, engages with cultural and community values, fosters inclusivity and diversity, and integrates strategies for environmental sustainability and resilience in the design.

Submission Requirements

1. Appropriate types and levels of documentation to communicate a fully resolved response to the project brief and site as described above.
2. A model, suite of models, or equivalent at an appropriate scale that communicate/s the formal, technical, and material qualities of the resolved design.
3. A clear and engaging verbal presentation that adheres to all time and quantity limits.

Weighting

40%

Length

REFER TO YOUR STREAM GUIDE FOR DETAIL

Due Date

Week 12: Thursday 30 May, 5:00PM (AEST)

Submission Method

Online

Assessment Description

The first phase of the semester will entail a rigorous interrogation of the project brief, site and associated theories and practices of research-led design. In this assessment, students must articulate an informed theoretical position against which to read their preliminary design proposals, engaging questions of professional ethics and inclusivity, cultural and community values, and connecting to and caring for Country alongside a sustained and explorative process of formal, spatial and programmatic synthesis and testing. Using compelling and accurate methods of representation, precedent analysis and theoretical argumentation, students must clearly communicate their understanding of the complexities presented in their design stream brief and identify the agency of architectural design to meaningfully address them.

Submission Requirements

1. Appropriate types and levels of documentation to communicate an emerging response to the project brief and site as described above.
2. A clear and engaging verbal presentation that adheres to all time and quantity limits.

NOTE: PLEASE REFER TO YOUR STREAM GUIDE FOR DETAILED PROJECT BRIEF AND DELIVERABLES

Assessment Criteria

See CANVAS for detailed rubric

Return Method

Online

Feedback Provided

Online - 21 days from submission.

Opportunity to

Students WILL NOT be given the opportunity to reattempt this assessment.

Reattempt

Assessment 3 - Compendium

Assessment Type
Description

Compendium

The Compendium is a highly curated document and an object of design in its own right, submitted incrementally over the course of the semester. It is not a journal or record of the work completed during each phase of the semester; rather, it combines design research and documentation with exegesis and theoretical argumentation in a considered and refined manner, relying on clear written expression, effective graphic design and sophisticated fabrication to elucidate the student's resolved design proposal.

The Compendium should be legible to a wide audience including other design professionals, stakeholders, regulatory bodies, and members of the community. In addition to offering a clear and comprehensive overview of the project, the Compendium must demonstrate how the project brief requirements and the opportunities and constraints of the site have been accommodated in the final design. In doing so, the Compendium must explicate the proposal's connection to and modes of caring for Country; specify the material, technological and performative aspects of the design; evidence an iterative design process and the consideration of design options; demonstrate the use of precedent analysis; and effectively incorporate relevant contemporary literature and contributions made throughout the semester to the Visiting Architects and Experts program.

This submission is broken into two parts proceeding Assessment 1 and Assessment 2 respectively, to document a sustained and ongoing process of design research. Part 2 may contain work submitted in Parts 1, updated to fit the final document.

Students enrolled in ARBE6231: Architecture Studio 7 are to demonstrate intellectual leadership within their design stream by conducting research seminars (or equivalent as determined by design stream) to actively fostering critical inquiry within the group. This is to be documented in both parts 3A & 3B of the Compendium submission.

Submission Requirements

1. A carefully presented, printed and bound Compendium of approximately eighty spreads that documents the work undertaken and produced over the course of the semester in a highly curated manner as described above.
2. In both Parts 3A & 3B of the Compendium submission, students enrolled in ARBE6231: Architecture Studio 7 must deliver and document a seminar (or equivalent) that shares a process of critical intellectual inquiry of relevance to the project brief contained in their design stream (i.e. a total of two such contributions for the semester). Format and content to be determined by design stream leaders, and documented in the Compendium submission

Weighting
Length

40%

REFER TO COMPENDIUM BRIEF AND YOUR STREAM GUIDE FOR DETAILED PROJECT BRIEF AND DELIVERABLES

Due Date

3A (20% of Course Mark) Week 8: Monday 29 April, 5:00PM (AEST)

3B (20% of Course Mark) Week 14: Thursday 13 June, 5:00PM (AEST)

Submission Method

Online

Upload your assignment to Canvas by the due date in a PDF format. No file is to exceed 20MB in size. Files are to be labelled with your student number, your name, stream, assignment number, and description of the deliverable using the format below:

STUDENT NUMBER_SURNAME_FIRST NAME_STREAM_A#_DESCRIPTION.pdf
(e.g. C3110249_Smith_Sam_Thesis_A3_Compendium_Part1.pdf)

Physical Submission of printed and bound portfolios will be collected at the ADS.

Assessment Criteria
Return Method
Feedback Provided
Opportunity to Reattempt

See CANVAS for detailed rubric

Online

Online - 21 days from submission.

Students WILL NOT be given the opportunity to reattempt this assessment.

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Attendance/participation will be recorded in the following components:

- Studio (Method of recording)

Attendance

Placement Requirements

This is a placement course covered by the Student Placement Policy. Refer to <http://newcastle.edu.au/policy/000768.html> for further information.

Communication Methods

Communication methods used in this course include:

- Canvas Course Site: Students will receive communications via the posting of content or announcements on the Canvas course site.
- Face to Face: Communication will be provided via face-to-face meetings or supervision.

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Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

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As a result of student feedback, the following changes have been made to this offering of the course:

- More studio timetable options - Students can ballot streams either held over two half-days or one full-day
- Reduced Assessment Requirements – The number of Compendium submissions has been reduced; more time is given between Assessment 1 and Assessment 2's presentation submissions and Compendium submissions; and, only final compendium submission requires to be printed and bound.

Oral Interviews (Vivas) As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

Adverse Circumstances The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

Important Policy Information The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at <https://www.newcastle.edu.au/current-students/respect-at-uni/policies-and-procedures> that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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