



UNSW
SYDNEY

Australia's
Global
University

Built Environment

ARCH7202 / ARCH7251 / ARCH7252
/ ARCH7253 / ARCH7254:
Major Design Studio



Course Outline – Term 3, 2020

Disclaimer

Information within this document is subject to change. The full and most accurate course outline will be available in Moodle closer to the start of the term in which the course is offered.

1. COURSE STAFF

Course Contact	Shaowen Wang
Email	shaowen.wang@unsw.edu.au

2. COURSE DETAILS

Credit Points	6 units of credit (uoc)
Workload	Approx. 150 hours including class contact hours, weekly individual and group online learning activities, readings, class preparation, and assessment activities.
Teaching Times and Location	Find details in timetable http://www.timetable.unsw.edu.au

Description

The Graduation Studio in the Masters of Architecture Program is run over two terms; the first term is the Research Studio where students develop the intellectual inquiry and research that defines their project, along with their initial architectural proposals. The second term accommodates the Major Design Studio where students develop this into a comprehensively resolved architecture project.

In the Major Design Studio, students continue in their previous studio group to create rigorous and compelling architecture. Each studio explicitly supports the detailed design development of individual architectural proposals as realised through appropriate modes of architectural representation. Emphasis is placed on development of the architectural proposition through critique and testing. The developed design will reach an ambitious level of programmatic, spatial, material, environmental and technological integration and resolution, with an ambitious and imaginative level of experimentation. Students will evaluate and develop architectural representation styles and techniques to establish the most effective methods to communicate their work. Presentation to peers, eminent critics and practitioners occurs through studio reviews and a public graduation exhibition.

Aims

The Major Design Studio aims to provide the context for students to:

- present a detailed, coherent and comprehensively resolved architectural design project informed by their previous research;

- demonstrate an advanced level of integration across multiple dimensions of a design project: theoretical, historical, ethical, social, technological, environmental and professional;
- Operate at, and between, multiple scales simultaneously;
- A resolved architectural project means a project in which the multiple aspects are considered, elaborated, questioned and examined relationally. Resolution, evidence of relational co-operation, demonstration of imagination, experimentation and projection in design project work as well as demonstrating professional competencies will be required.

Course Learning Outcomes (CLOs)

At the successful completion of this course, you will be able to:

1. Demonstrate self-directed learning, judgement, creativity and autonomy in formulating a coherent design process at a professional level.
2. Evaluate and test detailed architectural design options, and propose solutions which display creative imagination and disciplinary insight.
3. Integrate to an advanced level appropriate construction systems, materials, services and technologies into a complex building design through a holistic consideration of material properties, occupant lifestyle, aesthetics, energy consumption, regulations, human well-being and the welfare of future generations.
4. Integrate expertise from relevant consultants and specialists into the development of advanced architectural design.
5. Design advanced architecture that demonstrates graduate-level interpretation of the brief, conceptual design, schematic design and detailed design to a comprehensive level of resolution.
6. Appraise advanced architectural representation styles and techniques, with a focus on presentation models, to determine the most effective methods to communicate your completed architectural design.

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Project - Draft Design	20%	1, 2, 3, 4, 5, 6
2. Project - Detailed Design	20%	1, 2, 3, 4, 5, 6
3. Project - Final Design (50%) and presentation model / hard materials outputs (10%)	60%	3, 4, 5, 6

4. COURSE IMPROVEMENT AND FEEDBACK

Feedback from students is an integral part of improving courses and teaching approaches. One of the primary mechanisms of feedback is myExperience, which we strongly urge all students to complete at the end of term. Course convenors use the feedback to make ongoing improvements to the course. This is communicated in Moodle in the myFeedback Matters page.