



UNSW
SYDNEY

Australia's
Global
University

Built Environment

ARCH7112
Integrated Design Studio 1



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	Jonathan Fox
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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

ARCH7112 builds on prior knowledge gained in the Bachelor of Architecture and introductory studio to the Master of Architecture programs. ARCH7112 prepares students for their final-year Major Design Studio by providing a foundation in architectonics – the logical resolution and communication of the organising principles of architectural design expressed in the relationship between structure, materiality, form, program and space.

Students will develop the architectonics inherent to their design with a focus on precedent and assembly in order to understand and communicate how buildings and their constituent elements are organised, configured, constructed and integrated to satisfy regulatory, cultural, technical and environmental performance objectives, to represent meaning and to convey design coherence via design resolution.

Architectonics will be explored through the range of elective studio options aligned with the four major streams offered in the M. Arch degree: Architecture and High-Performance Technology, Architecture and Urban Conditions, Architecture and Housing and Architecture and Social Agency. Within the context of each stream students will develop fundamental design and documentation competencies – informed by environmental, regulatory, social, ethical and disciplinary considerations – with an emphasis on architectonics. Architectonics provides a learning framework for the development of the architectural skills, knowledge and application necessary to design, progressively resolve and document a complex project¹.

Aims

ARCH7112 aims to develop students' prior knowledge of and skills in architectural design and prepare students for their final-year graduation studio and professional architectural practice. The course aims to develop students' fundamental design and documentation competencies via an emphasis on "architectonics". Through the structured exploration of the relationship between structure, materiality, form, program and space, the course aims to equip students with the knowledge and skills necessary to design, progressively resolve and document a complex project.

Course Learning Outcomes (CLOs)

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

1. Analyse a range of architectural design ideas and concepts towards the development of a coherent design proposal, to an advanced level.
2. Communicate the regulatory and social considerations informing a design proposal using multiple formats, to an advanced level.
3. Resolve a design proposal at conceptual and design development stages, to an advanced level.
4. Document the organising principles of a design by referencing structure, materiality, form, program and space, to an advanced level.
5. Apply reflective practice and creativity to the design of an architectural project, to an advanced level.

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Project - SCHEMATIC DESIGN	20%	1, 2
2. Project - DESIGN DEVELOPMENT	20%	1, 2, 4
3. Project - FINAL DESIGN	60%	1, 2, 3, 4, 5

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.