



UNSW
SYDNEY

Australia's
Global
University

Built Environment

IDES4100
Capstone Research



Course Outline – Term 1, 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	Oya Demirbilek
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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

The course focuses on design research and design research methods, in preparation for the final capstone project in the following term. Students will develop research knowledge and skills, as they produce a substantive design research report based upon an agreed topic. The report, covering problem and/or opportunity identification, data gathering, synthesis and analysis of information and research results will conclude with a design brief, and proposals to guide the capstone project the following term in IDES4112. In parallel with the research focus, there will be studio activities offering different problem-solving approaches and providing a means for students to improve and perfect their design process.

Aims

The teaching and learning activities in IDES4100 are intended to:

1. Develop students' academic and applied design research skills.
2. Develop and refine design skills and processes for professional practice.
3. Prepare students for the final capstone design studio in the program.
4. Enable independent research and the production of a design research report that describes and applies design research tools and methodologies to develop a thorough understanding of their research topic as preparation for their capstone project
5. Undertake design projects with a strong industry context.

Course Learning Outcomes (CLOs)

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

1. Select and apply suitable design research methods, and gain insight to identify and describe design problems, target market and user needs.
2. Plan, research, write and present a professional Design Research report, to industry standard.
3. Demonstrate understanding of professional design practice - including, practices, Intellectual Property, product standards and compliance and business practices.
4. Reflect critically on theoretical knowledge, ideas and design practice(s).

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Project 1 - Researching with People	5%	1, 3, 4
2. Project 2 - Co-Design	10%	1, 3, 4
3. Project 3 - Three Futures	15%	1, 4
4. Final Capstone Research Report	70%	1, 2, 3, 4

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.