

# CA5150: ADVANCED ARCHITECTURAL DESIGN STUDIO: URBAN DESIGN

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## Effective Term

Semester A 2025/26

## Part I Course Overview

### Course Title

Advanced Architectural Design Studio: Urban Design

### Subject Code

CA - Civil and Architectural Engineering

### Course Number

5150

### Academic Unit

Architecture and Civil Engineering (CA)

### College/School

College of Engineering (EG)

### Course Duration

One Semester

### Credit Units

6

### Level

P5, P6 - Postgraduate Degree

### Medium of Instruction

English

### Medium of Assessment

English

## Part II Course Details

### Abstract

The themed studio series includes four different studio foci; it aims to provide students with a studio environment to explore areas of their own interest and prepare them to formulate their independent study in the Architectural Thesis Studio.

The course aims to introduce concepts and issues in urbanism and built environment design beyond the scale of the building. The studio design project enables students to learn by putting these concepts into practice, by engaging them in urban context and spatial analysis, and in making a proposal for an urban place.

### Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Explain the concepts of cities and of design, and how they relate in an urban context.		x	x	
2	Critically discuss the roles of design in mediating the multi-lateral relationships between activity, accessibility and form in the city.		x	x	
3	Apply knowledge about those relationships, and about their impacts on urban life and value, to analyse urban design configurations, urban contexts.		x	x	x
4	Develop relevant skills required to formulate urban design proposals.		x	x	x
5	Formulate and communicate such urban design proposals, guided by how configurations create / destroy value.				

**A1: Attitude**

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

**A2: Ability**

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

**A3: Accomplishments**

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

**Learning and Teaching Activities (LTAs)**

LTAs	Brief Description	CILO No.	Hours/week (if applicable)	
1	Design Studio	Students will engage in the design studio to produce an integrated proposal for an urban design proposal in response to a set of constraints and requirements. Learning and teaching is conducted through regular studio meetings, skills workshops, in which students develop individual / group design proposals under the facilitation of a studio tutor.	1, 2, 3, 4, 5	8 hrs/week

**Additional Information for LTAs**

Semester Hours: 8 hours per week

Lecture/Tutorial/Laboratory Mix: Lecture (0); Tutorial (0); Laboratory (8\*) \*Studio

#### Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks ("- for nil entry)	Allow Use of GenAI?	
1	Assignments	1, 2, 3, 4, 5	100	Design project	Yes

#### Continuous Assessment (%)

100

#### Minimum Continuous Assessment Passing Requirement (%)

40

#### Minimum Examination Passing Requirement (%)

0

#### Assessment Rubrics (AR)

##### Assessment Task

Assignments (Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

##### Criterion

Exploration and Analysis of contexts, themes, and spaces, including social, cultural, physical aspects. This takes place during Context Analysis and Precedent Studies.

Design Responses to Contexts, including physical, human, and social.

Development of those Responses

Communicating the Project including graphic, verbal and textual

##### Excellent

(A+, A, A-) High

##### Good

(B+, B, B-) Significant

##### Fair

(C+, C, C-) Significant

##### Marginal

(D) Basic

##### Failure

(F) Not even reaching marginal levels

##### Assessment Task

Assignments (Applicable to students admitted from Semester A 2022/23 to Summer Term 2024)

##### Criterion

Exploration and Analysis of contexts, themes, and spaces, including social, cultural, physical aspects. This takes place during Context Analysis and Precedent Studies.

Design Responses to Contexts, including physical, human, and social.

Development of those Responses

Communicating the Project including graphic, verbal and textual

### Excellent

(A+, A, A-) High

### Good

(B+, B) Significant

### Marginal

(B-, C+, C) Basic

### Failure

(F) Not even reaching marginal levels

## Part III Other Information

### Keyword Syllabus

Urban design, Design studio, Urban contextual analysis, Place, Placemaking, Value, Public Space.

### Reading List

#### Compulsory Readings

Title	
1	Nil

#### Additional Readings

Title	
1	Carmona, M., Heath, T., Oc, T. and Tiesdell, S., 2012. Public places-Urban spaces. Routledge.
2	Cross, N., 2011. Design thinking: Understanding how designers think and work. Berg.
3	Gehl, Jan and Svarre, Birgitte (2013) How to Study Public Life, Washington D.C.: Island Press (available at <a href="http://link.springer.com/book/10.5822%2F978-1-61091-525-0">http://link.springer.com/book/10.5822%2F978-1-61091-525-0</a> )
4	Homes & Communities Agency (2007) "Urban Design Compendium 1," Urban Design Principle (UDC1), UK: Llewelyn Davies Yeang
5	Jacobs, Jane (1961) "The Life and Death of Great American Cities" New York: Modern Library.
6	NACTO (2016) Global Streets Design Guide <a href="https://globaldesigningcities.org/publication/global-street-design-guide/">https://globaldesigningcities.org/publication/global-street-design-guide/</a>
7	Lynch, K., 1960. The image of the city (Vol. 11). MIT press
8	Cullen, G., 2012. Concise townscape. Routledge
9	Gehl, J., 2011. Life between buildings: using public space. Island Press.
10	Lang, Jon (2005) "Urban Design: A typology of Procedures and Products" Oxford; Burlington MA: Elsevier/ Architectural Press.
11	Larice, Michael and Macdonald, Elizabeth (2006) "The Urban Design Reader" New York: Routledge.

12	Mumford, E.P. & ProQuest, 2018. Designing the modern city : urbanism since 1850, New Haven, CT: Yale University Press.
13	<a href="http://www.pland.gov.hk/pland_en/tech_doc/hkpsg/index.html">http://www.pland.gov.hk/pland_en/tech_doc/hkpsg/index.html</a>
14	Webster, Chris (2007), Property rights, public space and urban design, in Town Planning Review, Vol. 78, Issue 1, pp. 81-101
15	Chiaradia, A.J., Sieh, L. and Plimmer, F., 2017. Values in urban design: A design studio teaching approach. Design Studies, 49, pp.66-100.
16	Carmona, M., 2019. Place value: Place quality and its impact on health, social, economic and environmental outcomes. Journal of urban design, 24(1), pp.1-48.