

CA6533: THESIS STUDIO FOR DESIGN AND PLANNING

Effective Term

Semester B 2024/25

Part I Course Overview

Course Title

Thesis Studio for Design and Planning

Subject Code

CA - Civil and Architectural Engineering

Course Number

6533

Academic Unit

Architecture and Civil Engineering (CA)

College/School

College of Engineering (EG)

Course Duration

Non-standard Duration

Other Course Duration

Three semesters: Summer, Semester A, and Semester B

Credit Units

0-9

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to provide students with critical thinking and creative research for improve cities and regions. By conducting research work, students develop their theoretical and methodological foundation for their future professional career in the fields of urban design and regional planning.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	identify a research topic to make a positive contribution in the fields of urban design and regional planning by critical review of literature		x	x	
2	manage an individual research project effectively by selecting relevant materials and applying advanced skills and methods		x	x	
3	develop theoretical and methodological foundation to a chosen field of inquiry in the fields of urban design and regional planning		x	x	x
4	communicate research work with the audience in a logical way of written and oral presentation		x	x	x

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	Thesis studio	Thesis writing and presentation	1, 2, 3, 4	
2	Lecture and Tutorial	Thesis writing and methods	1	

Additional Information for LTAs

Semester Hours: 6 hours per week

Lecture/Tutorial/Laboratory Mix: Lecture (0); Tutorial (6); Laboratory (0)

6 hours project supervision

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Thesis project	1, 2, 3, 4	100	

Continuous Assessment (%)

100

Assessment Rubrics (AR)**Assessment Task**

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

Criterion

Attitude to challenge conventional issues in urban design and regional planning;
 Ability to develop thesis in urban design and regional planning;
 Accomplishment to demonstrate thesis in urban design and regional planning.

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base

Good

(B+, B, B-) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature

Fair

(C+, C, C-) Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material

Marginal

(D) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature

Assessment Task

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

Criterion

Attitude to challenge conventional issues in urban design and regional planning;
 Ability to develop thesis in urban design and regional planning;
 Accomplishment to demonstrate thesis in urban design and regional planning

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base

Good

(B+, B) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature

Marginal

(B-, C+, C) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature

Part III Other Information**Keyword Syllabus**

Thesis studio, Thesis writing, Dissertation, Independent research, Urban design, Urban planning, Regional planning

Reading List**Compulsory Readings**

Title	
1	Nil

Additional Readings

Title	
1	Anderson, J and Millicent, P. (2001) Assignment and Thesis Writing, 4th Edition, Wiley.
2	Mauch, J. E. and Birch J. W. (1998) Guide to the Successful Thesis and Dissertation: A handbook for students and faculty, 4th Edition, New York: NY, Dekker
3	http://www.rudi.net