

Course Day and Hour: Monday, Thursday 13:30-17:30
Course Room: Online / ZOOM
Course Credit: 5
Course Web Site: TBA

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Architecture & Nature & Culture

Being one of the two last studios before graduation project; this studio aims to help students built profound professional skills and knowledge at given conditions, based on the resources and limitations they have. By losing the fear, hesitancy, prejudgments, inefficiency and ambiguity. Content (subject / location) and method are determined accordingly. Objective, data and knowledge based approaches and methods will be applied in the studio. Emphasizing the importance of Research & Development in Architecture; The current paradigm shift will be considered.

Project Studio Description

Advanced architectural design and research project. Integration of architectural theory, principles, and practice with creative, organizational, and technical abilities in architectural design and design research.
The Studio objectives include

1. To develop appropriate design strategies for addressing complex design problems,
2. To research and discuss contemporary architectural theories and link them with design activities,
3. To assess urban and environmental factors as architectural design inputs,
4. To provide the experience of interdisciplinary collaboration in architectural design process,
5. To use of representation tools and advanced design media.

Course Outcomes

1. Pursue design problems with appropriate design strategies,
2. Gather, scrutinize and convey design data regarding complex urban textures,
3. Coordinate architectural design process in an interdisciplinary development environment,
4. Master advanced technologies and materials in architectural design,
5. Present information about the designed architectural solution/object through advanced design media.

Project Studio Structure and Plan

The course is a design studio class that requires a substantial dedication and investment of student time, skill, and critical thought both during and after official studio hours. As a part of design studio instruction, students are required to participate in all lectures, discussions, and field trips, as well as group and individual critiques of exercises, assignments and projects. Sketches, drawings and models are requested during studio project phases. The studio, which will be conducted online, often begins with a group review and then continue with assignments, lectures, presentations, discussions or individual critiques about the project as needed. Although homework and announcements are officially made through NINOVA, informal mediums will also be used in the process.

A systematic design approach based on data and information will be applied in the studio. In order to reinforce the practical skills and knowledge the students are invited to take a theoretical course.¹

¹ MIM252E Theories of Architectural Design CRN: 21825

There will be two workshops at the first half of the term. The second half will be used to develop the term project.

- **Workshop 1.:** Problem Analysis
- **Workshop 2.:** Conceptual Design / Alternative Generation
- **Term Project:**

Module 1. Design Development

Module 2. Design Representation

Term Project: Istanbul/Şişli: Fulya & Ondokuzmayıs Districts | Mixed-Use Development

Fulya and Ondokuzmayıs districts in Şişli, Istanbul have been determined as the study area. The location is surrounded with important centers of Istanbul. With an urban texture that has many problems regarding nature and culture; that makes it vulnerable to disasters. The area will be analyzed in different layers and scales with a holistic approach, regarding human & nature & culture. All proposals will be developed using current conditions and future predictions. Collective work approach will be applied in the research, analyses and urban design process. Individual proposals in suggested project areas will be developed based on the customized detailed program proposals of the students.

Program

Although the detailed content will be defined by the students; the program proposals are expected to include approximately 10,000 m2 indoor area, and two main categories listed below:

- Accommodation (permanent, temporary), %60
- Complementary functions (Work, social, cultural, recreational etc.) %30

Studio Schedule

1. Week	01.03.21	Introduction / Course Brief
	04.03.21	Workshop 1: Introduction to Subject & Site & Methodology
2. Week	08.03.21	WS1: Studio Works / Design Research: Problem Analysis & Discussions & Presentations
	11.03.21	WS1: Studio Works / Design Research: Problem Analysis & Discussions & Presentations
3. Week	15.03.21	WS1: Studio Works / Design Research: Problem Analysis & Discussions & Presentations
	18.03.21	WS1: Studio Works / Design Research: Problem Analysis & Discussions & Presentations
4. Week	22.03.21	Jury I
	25.03.21	Workshop 2: Conceptual Design / Alternative Generation
5. Week	29.03.21	WS2: Studio Works / Design Research: Conceptual Design / Alternative Generation
	01.04.21	WS2: Studio Works / Design Research: Conceptual Design / Alternative Generation
6. Week	05.04.21	WS2: Studio Works / Design Research: Conceptual Design / Alternative Generation
	08.04.21	WS2: Studio Works / Design Research: Conceptual Design / Alternative Generation
7. Week	12.04.21	Jury II
	15.04.21	Term Project Modul1: Design Development
8. Week	19.04.21	Term Project Modul1: Design Development
	22.04.21	Term Project Modul1: Design Development
9. Week	26.04.21	Term Project Modul1: Design Development
	29.04.21	Term Project Modul1: Design Development
10. Week	03.05.21	Term Project Modul1: Design Development
	06.05.21	Term Project Modul1: Design Development
11. Week	10.05.21	Term Project Modul1: Design Development
	13.05.21	HOLIDAY
12. Week	17.05.21	Term Project Modul1: Design Development
	20.05.21	Term Project Modul1: Design Development
13. Week	24.05.21	Term Project Modul1: Design Development
	27.05.21	Jury III
14. Week	31.05.21	Term Project Modul2: Design Representation
	03.06.21	Term Project Modul2: Design Representation
15. Week	07.06.21	Term Project Modul2: Design Representation
	10.06.21	Final Jury

Project Studio Assessment

Students will be evaluated based on their performances in the studio, desk crits, pin-up reviews, jury sessions and final submissions.

Final grade is based on midterm and final submissions.

Final grading scheme: 40% Midterm Submissions + 60% Final Submission.

Required deliverables for the jury reviews and the final submission:

1. Jury (WS1)

Research Outcomes, Problem Analysis: Decision Matrix

2. Jury (WS2)

Research Outcomes,

Conceptual Design Representation: morphological chart, models, diagrams, sketches, moodboards, storyboards, site plans, silhouettes, plans, sections, elevations

3. Jury (Term Project Module 1: Design Development)

Analyses, models, diagrams, sketches, moodboards, storyboards, site plans, silhouettes, plans, sections, elevations, system detail

Final Jury (Term Project Module 2: Design Representation) *

Individual Poster: single poster summarizing the whole proposal (Analyses, models, diagrams, sketches, moodboards, storyboards, site plans, silhouettes, plans, sections, elevations, system detail),

A3 Individual Posters (max2): for school exhibition (summarizing the whole proposal)

Portfolio (including all studio outcome)

Group Research Poster

Group Research Portfolio

Model(s) (3D digital and physical models' visuals are expected to be included in presentations)

Final Submission

All the list given at Final Jury

Working files of the project

*all documents will be prepared based on the given template, (16:9 ratio, landscape)

Contributors

- Will be shared with students at the beginning of the semester.

Recommended Sources

Site & Subject Specific:

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