

Marmara University Faculty of Architecture and Design 2021-2022 Spring Semester
ARCH 302 + 401 DESIGN STUDIO VI + VII SYLLABUS

Course Title	Code	Semester	Hour (T+P)	Credit	ECTS
DESIGN STUDIO VII	ARCH 401	7	4 + 4	6	10
DESIGN STUDIO VI	ARCH 302	6	4 + 4	6	10
Prerequisites	ARCH 301 (for 302)+302 (for 401)				
Language of Instruction	English				
Course Type (Required / elective)	Required				
Course Coordinator	Prof. Dr. İmre Özbek Eren				
ARCH 401 Instructor / email	MSc. Şerif Süveydan (serif@suveydan.com), Assist. Prof. Dr. Gülşah Aykaç (gulsahaykac@gmail.com); Selcen Çelik, Kürşat Açıkgöz.				
ARCH 302 Instructor / email	MSc. Şerif Süveydan (serif@suveydan.com), Assist. Prof. Dr. Gülşah Aykaç (gulsahaykac@gmail.com); Mert Eyiler (hello@memalondon.co.uk), Selcen Çelik (sc@nunarch.com), Kürşat Açıkgöz (kursatacikgoz@hotmail.com), Özgür Kayabay (ozgur@ozgurkayabay.com)				
Assistants	Research Assist. Mina Hazal Taşçı, Research Assist. Rumeysa Temel.				

Goals	<p>Conceptual Frame for ARCH 401: The main problematic of the project is defined as “articulating into the city.” In this context, the students are expected to approach the existing urban fabric in the complex and multi-layered structure of the city, in parallel with the current dynamics and in the context of a given architectural design problem. At the same time, architectural design is expected to consider urban design decisions and urban transformation processes.</p> <p>The framework: Neighborhood ‘mahalle’ / Living area with mixed functions.</p> <p>Conceptual Frame for ARCH 302: The main problematic of the project is defined as “articulating into the city.” In this context, the students are expected to approach the existing urban fabric in the complex and multi-layered structure of the city, in parallel with the current dynamics and in the context of a given architectural design problem.</p> <p>The framework: Neighborhood ‘mahalle’ / Living area in which residential use is the dominating function.</p> <p>Therefore the problematics of the design for the both courses are:</p> <ul style="list-style-type: none"> • Investigating a specific urban environment, analyzing the site, representing site explorations and contextualizing a place. • Working with different scales from landscape to interiors. Merging urban and architectural scales. • Designing in reference to the urban context. • Getting acquainted with building masses, modularization, diversification, efficiency of circulation in a mass and habitation units. • Interpreting the program composed of housing units and shared and social functions throughout various discussions on the concepts such as living together, co-housing, co-living, “lojman,” “mahalle,” dwelling, and habitation. • Hybridization of the mass housing program including social and shared spaces. <p>The topic of the design:</p> <ul style="list-style-type: none"> • Urban housing project in an urban setting with approximately 18.000 m² closed area.
Learning Outcomes	<p>ARCH (302+401):</p> <ol style="list-style-type: none"> 1. To define the problems or potentials of an urban pattern with its varying dimensions like history, culture, topography. 2. Learning to merge urban and architectural scales and understanding the notions of urban gaps and thresholds. 3. Learning to produce/define an original scenario. 4. Learning to work on both urban (1/2000) and architectural (1/500, 1/200) scales. 5. To present the concept and design processes. 6. Hybridization of a mass housing program including social and shared spaces.
Course Content	<p>ARCH (302+401):</p> <p>Main task of the course is to develop an urban housing design that would be integrated into the urban life in consideration with socio-spatial dimensions of the given fields. It is expected to understand an urban pattern with its all layers in the context of space, culture, history, sociability, or topography. The studio consolidates how architecture is involved in society and “place.” It explores numerous issues and potentials in terms of space and culture.</p> <p>More specifically, the studio will discuss living together, bringing people together, distinctive cultures of “mahalle,” encountering in the city, dwelling and a shared habitus. There will be more than one project site to enhance the discussion environment of the studio about local urban dynamics.</p>

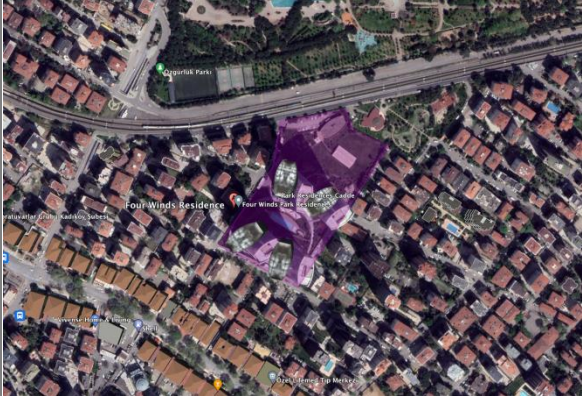
Project Area 1: Süleymaniye, the area under transformation neighboring İMÇ (The possible field will be discussed with the students.)



Project Area 2: Hacı Hüsrev Mahallesi, Feriköy (Approx. 30000 m2)



Project Area 3: Göztepe Feneryolu (Approx. 28000 m2)



Project Area 4: Marmara University Dragos Campus-Periphery (Approx. 19000 m2)



Project Area 5 will be a field which will be related with Dragos Campus and will be chosen by the students after discussions in the studio.

Program:

Housing units: 18.000 m2 (including circulation)

There should be **at least 4** different types of habitation units.

	Social and shared spaces: The students should define social and shared spaces according to the analyzed urban context. The project scenario defines user profiles, types of units, relations between common spaces and the housing units, interrelation with the city, publicity and public-private shifts, definition and contextualisation of common functions. Social and shared spaces could be defined as open, closed and semi-closed spaces.	
Assessment Criteria	Assessment Components	
	Midterm Grade 1 SKETCH EXAM + PROCESS PERFORMANCE (15%) + OPEN EXHIBITION AND SUBMISSION 1 (25%) + MIDTERM UPLOAD (60%) The content and dates of submissions could be changed. Further details will be announced during the semester.	% 40
	Final Grade 1 SKETCH EXAM + PROCESS PERFORMANCE (15%) + OPEN EXHIBITION AND SUBMISSION 2 (25%) + FINAL JURY UPLOAD (60%) The content and dates of submissions could be changed. Further details will be announced during the semester. The student should take 50 (over 100) in the Final Jury	% 60
	Course success-Total	%100

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WEEKLY TOPICS AND PREPARATIONS			
WEEKS	DATE	TOPICS	PREPARATIONS
1. Week	21.02.2022	General Meeting SKETCH EXAM-1	Introduction to the studio culture and content.
	24.02.2022	Site visiting	
2. Week	28.02.2022	Studio works	Urban Scale Analysis
	03.03.2022	Studio works	Urban Scale Analysis
3. Week	07.03.2022	Studio critics	1/2000,1/1000, working with models
	10.03.2022	Studio critics	1/2000, 1/1000, working with models
4. Week	14.03.2022	Studio critics	1/2000, 1/1000 working with models, 1/500
	17.03.2022	Studio critics	Urban design concepts, analyses, models (digital & physical), silhouettes, drawings, etc.) 1/500
5. Week	21.03.2022	OPEN EXHIBITION AND SUBMISSION 1¹	Urban design concepts, analyses, 1/1000, models (digital & physical), silhouettes, drawings, + focused works for chosen urban area 1/500
	24.03.2022	Studio critics	Focused works for chosen urban area 1/500
6. Week	28.03.2022	Studio critics	Focused works for chosen urban area 1/500, 1/200 + preliminary concept studies
	31.03.2022	Studio critics for the urban scale + concept	Focused works for chosen urban area 1/500, 1/200+ preliminary concept studies
7. Week	04.04.2022	Studio critics for the urban scale + concept	Preliminary conceptual design and approaches 1/200 and their integration to urban scale.
	07.04.2022	Studio critics for the urban scale + concept	Preliminary conceptual design and approaches 1/200 and their integration to urban scale.
MIDTERM WEEK² 09.04.2022-17.04.2022		Submission of the urban approaches and studies regarding those approaches.	
8. Week	18.04.2022	SKETCH EXAM-2	1/1000, 1/500 + Preliminary conceptual design and approaches 1/500 and their integration to urban scale. 1/200 spatial decisions.
	21.04.2022	Studio critics for architectural design scale.	1/1000, 1/500 + Preliminary conceptual design and approaches 1/500 and their integration to urban scale. 1/200 spatial decisions.
	25.04.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
	28.04.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
10. Week	02.05.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
	05.05.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
11. Week	02.05.2022	RAMAZAN BAYRAMI	
	12.05.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
12. Week	16.05.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
	19.05.2022	ATATÜRK'Ü ANMA GENÇLİK VE SPOR BAYRAMI	
13. Week	23.05.2022	OPEN EXHIBITION AND SUBMISSION 2	1/1000, 1/500, 1/200
	26.05.2022	Studio critics for urban and architectural design scale.	1/1000, 1/500, 1/200
14. Week	30.05.2022	Studio critics for architectural design and system scale.	1/500, 1/200 + 1/50
	02.06.2022	Studio critics for architectural design and system scale.	1/200, 1/50 partial system section
15. Week	06.06.2022	Studio critics for architectural design and system scale.	The whole set of drawings, and other productions.
	09.06.2022	Studio critics for architectural design and system scale.	The whole set of drawings, and other productions.
Submission and final jury of whole productions.			

REFERENCES

Readings (in both Turkish+English):

- . Davis, Mike. 2006. *Planet of Slums*. Verso.
- . Heidegger, Martin. 1971. 'Building, Dwelling, Thinking.' In Poetry, Language, Thought, translated by Albert Hofstadter, Harper Colophon Books, New York, 1971. Link: https://www.contentarchive.wwf.gr/images/pdfs/pe/katoikein/Filosofia_Building%20Dwelling%20Thinking.pdf
- . Mee Kam Ng. 2015. 'Knowledge and power in regenerating lived space in Treasure Hill, Taipei 1960s–2010: from squatter settlement to a co-living artist village.' *Planning Perspectives*, 30:2, 253-270, DOI: [10.1080/02665433.2014.934711](https://doi.org/10.1080/02665433.2014.934711)

¹ Submissions could be conducted in a jury format. The exact dates of the submissions/juries could be changed during the term according to the studio dynamics.

² Midterm Jury

- . Özbek Eren, İmre. 2017. *Mahalle, Yeni Bir Paradigma Mümkün mü?* Tuti Kitap
- . Tummers, Lidewij. 2015. 'Understanding co-housing from a planning perspective: why and how?' *Urban Research & Practice*, 8:1, 64-78, DOI: [10.1080/17535069.2015.1011427](https://doi.org/10.1080/17535069.2015.1011427)
- . Stavrides, Stavros. 2018. *Müşterek Mekan: Müşterekler Olarak Şehir*. İstanbul: Sel.

Case Studies:

- . Co-Residence: Habiter en Grand - STAR
Link: https://www.youtube.com/watch?v=p-FDn6p9dg0&list=PL0QGMtA8eKD_ZouU4NEm4GSul-86R1_Nq
- . Celosia - MDVRD+Blanca Lleó
- . Lake Shore Drive Apartments (Chicago) - Mies Van Der Rohe
- . Unite d'Habitation - Le Corbusier
- . Siedlung - Bruno Taut, Martin Wagner.
- . The Mountain - BIG
- . Quinta Monroy Housing (Chile) - Elemental

Turkey historical cases:

- . Ankara 96'lar Apartmanı (Ankara) - Mehmet Aran Güran.
- . Ankara Hukukçular Sitesi - Haluk Baysal
- . Cinnah 19 (Ankara) - Nejat Ersin
- . METU Professor Lodgings (Lojmanları)- Behruz Çinici
Link: <https://arch.metu.edu.tr/gallery/representing-itself-modern-house-interpretation-reproduction>
- . Mısır Apartmanı (İstanbul) - Hovsep Aznavur
- . Saraçoğlu Mahallesi (Ankara) - Paul Bonatz

Other Media:

- . For more modern cases from Ankara (apartments mostly from the 60s and 70s):
http://sivilmimaribellekankara.com/proje_ciktilari.html
- . About co-housing communities
<https://www.mosaicvillage.org/helpful-links>

Activities	Number of Weeks	Duration (Hour)	Working Hours
Duration of Course (Including Exams: 15 x Total Weekly Course Hour)	15	8	120
Extracurricular Working Hour (Seminar Attendance, Preparatory Work, Review Assignments, Internet Studies, etc.)	15	8	120
Submissions	12	2	24
Midterm	1	12	12
Final exam	1	24	24
Working Hours in Total			300
Working Hours in Total / 30			300 / 30
ECTS			10

EXPLANATIONS

OPEN EXHIBITION AND SUBMISSION 1 (Exact list will be announced before the submissions).
<ul style="list-style-type: none">• Field research and documentation of field trips with mappings, (digital+manual) collages, photo-collages, video, short movies and other media.• 1/2000, 1/1000 Concept and Urban Design Approaches• 1/1000, 1/500 Models• Analyzing the relations between the street, square and structure that focused on the urban pattern• Supplementary works

MID-TERM EXAM - 1st Jury Submission 11 April 2022 Monday
<ul style="list-style-type: none">• All presentation boards should be designed in A4 or its related dimensions (A3, A2, A1, A0)

- You should also submit a copy of your all submissions on the jury day until 08:30 in an **A3** folder (it might be black- white and it should be printed out as a 'fit to paper' layout).
- You should upload your works both to UES and OneDrive folder..

Content:

What kind of urban context do you work in? How do you read the existing urban context?
How do you articulate into the urban context with a housing project?

- Field research and documentation of field trips with mappings: Collages (digital+manual), 2D or 3D Diagrams, photo-collages, video, short movies and other media.
- Contextual and urban analysis
- Works explaining the relationship between analysis and the idea/ Explaining the phase from analyses to the concept idea.
- Housing scenario of different user profiles: At least four different profiles in relation with diversification of housing units and social+shared spaces.

1/1000 set (ground floor plan+sections+physical model)

1/1000 ground plan which will reflect:

- Principal urban decisions and strategies (public spaces, social and shared spaces and circulation, accessibility for both pedestrian and cars...)
- Site plan decisions and proposals with immediate surroundings

1/1000 sections (at least two sections) which will reflect:

- Principal urban decisions and strategies (public spaces, social and shared spaces and circulation, accessibility for both pedestrian and cars...)
- Site plan decisions and proposals with immediate surroundings and silhouettes

Physical Model (with the surrounding and proposals)

1/500 partial plans and sections with surroundings:

- At least one partial plan and one section (1/500) are required.

Partial plans and sections reflect your main strategies such as

- one single unit and/or an idea of interrelating housing masses.
- your social and shared spaces, spaces of encounter and/or a focus point in the site.

Supplementary works: 1/200 works (For the students who have been working on 1/200 scale such as housing typologies, units, research.)
3D models and other possible works produced by alternative digital+manual mediums.

OPEN EXHIBITION AND SUBMISSION 2 (Exact list will be announced during the semestre).

- All presentation boards should be designed in A4 or its related dimensions (A3, A2, A1, A0)
- You should also submit a copy of your all submissions on the jury day until 08:30 in an A3 folder (it might be black- white and it should be printed out as a 'fit to paper' layout).
- You should upload your works both to UES and OneDrive folder..

Detailed information on the presentation boards:

Content:

What kind of urban context do you work in? How do you read the existing urban context?
How do you articulate into the urban context with a housing project?

- Field research and documentation of field trips with mappings: Collages (digital+manual), 2D or 3D Diagrams, photo-collages, video, short movies and other media.
- Contextual and urban analysis
- Works explaining the relationship between analysis and the idea/ Explaining the phase from analyses to the concept idea.
- **Housing scenario of different user profiles:** At least four different profiles in relation with diversification of housing units and social+shared spaces.

1/1000 set (ground floor plan+sections+physical model)

1/1000 site plan

1/1000 ground plan which will reflect:

- Principal urban decisions and strategies (public spaces, social and shared spaces and circulation, accessibility for both pedestrian and cars...)
- Site plan decisions and proposals with immediate surroundings

1/1000 sections (at least) 2 sections which will reflect:

- Principal urban decisions and strategies (public spaces, social and shared spaces and circulation, accessibility for both pedestrian and cars...)
- Site plan decisions and proposals with immediate surroundings and silhouettes

Physical Model 1/1000 (with the surroundings and proposals)

1/500 set (ALL floor plans and 2 sections with surroundings, physical model)

- 1/500 ground floor plan: Reflecting circulation, connections between different masses, open, semi-open and closed areas.
- 1/500 floor plans
- 1/500 sections x 2

Physical Model 1/500 (with the surroundings and proposals)

1/200 partial plans and sections:

- At least one partial plan and one section (1/200) are required.

Partial plans and sections reflect your main strategies such as

- one single unit and/or an idea of interrelating housing masses.
- your social and shared spaces, spaces of encounter and/or a focus point in the site.
- decisions on the materiality of your proposal.

3D models and other possible works produced by alternative digital+manual mediums.

Supplementary works: 1/200 works (For the students who have been working on 1/200 scale such as housing typologies, units, research.)

FINAL EXAM - Final JURY- 3rd jury (Exact list will be announced during the semestre).

Architectural Design Project

- Field research and documentation of field trips with mappings, (digital+manual) collages, photo-collages, video, short movies and other media.
- Floor plans, sections and elevations should be drawn in AutoCAD.
- Detailed information on the presentation boards:
 - 1/500 site plan and silhouettes.
 - All floor plans – 1/200
 - *All floor plans should include a north sign, levels, section lines and name / scale of the plan.*
 - *In the ground floor details of the surround landscape should be included in the drawings.*
 - *Floor plans should be drawn in AutoCAD, explaining the space configuration.*
 - Min. 4 sections - 1/200
 - *All sections should contain the whole project area including levels, fittings and all things seen.*
 - All Elevations – 1/200 (with the surroundings).
 - 3D images from your models. (Please upload also your SketchUp model (.skp version).
 - Conceptual explanations (Brief).

Supplementary works: 1/50 system sections, detailed material, and facade drawing, etc.