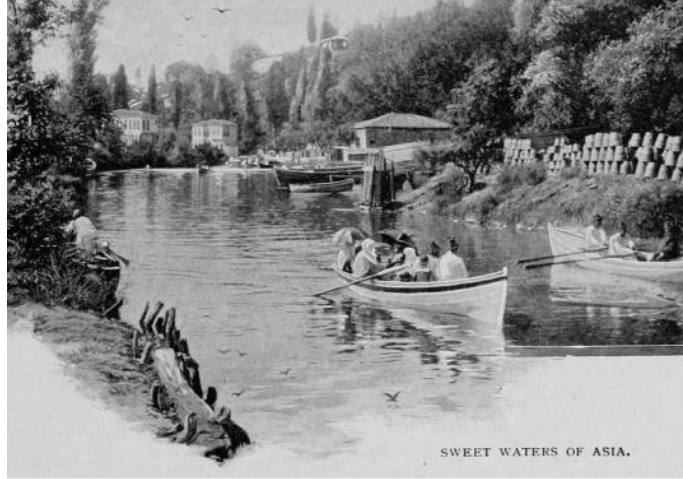


Course Title	Code	Semester	Hour (T+P)	Credit	ECTS
DESIGN STUDIO III-IV	ARCH 201-202	5	4 + 4	6	10
Prerequisites	ARCH 102-201				
Language of Instruction	English				
Course Type (Required / elective)	Zorunlu				
Course Coordinator	İmre Özbek Eren – coordinator (iozbekeren@outlook.com)				
Instructor / email	Doç. Dr. Esen Gökçe Özdamar (egozdamar@nku.edu.tr)				
Assistants	Arş. Gör. Furkan Sağdıç, Arş. Gör. Rumeysa Temel.				

Goals	<p>FOR ARCH 201 The aim of the studio is to encourage the student to reflect on boundaries and their creation, enabling them to question constructional realities and open a new dimension of discussion. In this studio, students are encouraged to understand the urban fabric and morphology as part of urban practice. By contacting the social, historical and topographic layers of the city, students will design a place of accommodation and a space that includes a supporting function.</p> <p>Problematics in design</p> <ul style="list-style-type: none">• Topography and slope• Urban and close environment analysis• Public space• It is an architectural design in which the housing/housing function is fundamental and considered holistically together with an additional building <p>FOR ARCH 202 The aim of the studio is to encourage the student to reflect on boundaries and their creation, enabling them to question constructional realities and open a new dimension of discussion. In this studio, students are encouraged to understand the urban fabric and morphology as part of urban practice. By contacting the social, historical and topographic layers of the city, students will design a place of accommodation and a space that includes a supporting function.</p> <p>Problematics in design,</p> <ul style="list-style-type: none">• Topography and slope• Urban and close environment analysis• public space• It is an architectural design in which the housing/housing function is fundamental and considered holistically together with an additional building.
Learning Outcomes	<p>The effort to understand and examine the subject, the research and the method of archiving information Capturing the original project topic, developing alternatives To be able to develop and try representation techniques in expressing the project (collage, three dimensional techniques) Representing the design with adequate and appropriate technical drawings or tools Continuity to the course and practices.</p> <ul style="list-style-type: none">• To be able to touch the cultural, historical and topographic layers of the city by identifying the potentials and problems of the urban fabric.• To be able to shape architectural processes and design decisions by relying on the dynamics of the urban fabric.• To be able to explain the concept and design processes by using presentation techniques.• To be able to cope with the topography issue and to be able to produce on sloping land.• Questioning the concept of public space and evaluating it in the context of design
Course Content	<p>FOR ARCH 201 The subject of the project is to develop a project proposal to reinterpret the boundaries that create obstacles physically or perceptually, with a discussion to be started on Gaston Bachelard's concepts of shelter and existence. In this context, various analyzes will be made to map the movement through the changing course of walking along the creek and in the neighborhood, during a one-day expedition to be made along the Göksu Creek and its surroundings. With the suggestions they will develop within the framework of a design problem that the students have observed through the relations established with the water of the region, in order to change the physical structure; will present a project proposal on an environmental problem area. It is expected that the urban fabric will be understood as a part of the multi-layered structure of the city. These layers should be evaluated in the context of space, culture, history, publicity and topography. The studio is based on understanding how architecture permeates society and space. For this, students should identify the potentials of the city and cultural background.</p> <p>Program It will be determined by the inclusion of a secondary function that is articulated to the housing function and has a public character. Project area: Göksu Creek and its surroundings / The total indoor area of the residence should be between 120-150 m², and the "+" function should be between 30-60 m².</p>

First of all, students will try to understand the potentials of the chosen area and explore their potential by analyzing the urban fabric. Depending on the analyses, the organization of public/semipublic/private functions will be determined in the determined area and the principles of approach to the area will be determined with spatial decisions. Secondly, spatial decisions will be made within the area, including the urban context, and principle decisions will be taken for the needs of the user of the space – determined by the student. Spatial decisions will be made to meet the needs of the user. Within the scope of the studio, in addition to traditional production methods, it is expected to design in digital environment (in CAD environment and through modeling programs such as SketchUp) and using various film/montage programs. All submissions will be made by hand until the midterm (2nd jury).

Key concepts: Shelter, existential space, water, flow, walking, movement.



Görsel: Göksu Deresi'nde piknik 1900'ler (<http://www.kuzubudu.com/osmanlida-piknik/ottoman-empire-the-sweet-waters-of-asia-istanbul-1900s-goksu-deresi-istanbul-1900ler/>)

**The site and design topic for ARCH 201
Göksu Region/Istanbul**



FOR ARCH 202

The subject of the project is Göksu neighborhood / Çengelköy Region. Students will present a public project proposal about an environmental problem area to change the physical structure with the suggestions they will develop within the framework of a design problem they have observed through the relations established with the water in the region.

It is expected that the urban fabric will be understood as a part of the multi-layered structure of the city. These layers should be evaluated in the context of space, culture, history, publicity and topography. The studio is based on understanding how architecture permeates society and space. For this, students should identify the potentials of the city and cultural background.

Program

Public facility/program (art, culture, etc.). First of all, students will try to understand the potentials of the given area and explore their potential by analyzing the urban fabric. As a result of the analyses, the organization of public/semi-public/private functions will be determined in the determined area and the principles of approach to the area will be determined with spatial decisions. Secondly, spatial decisions will be made within the area, including the urban context, and principle decisions will be taken for the needs of the user of the space – determined by the student. Spatial decisions will be made to meet the needs of the user. Within the scope of the studio, in addition to traditional production methods, it is expected to design in digital environment (in CAD environment and through modeling programs such as SketchUp) and using various film/montage programs. All submissions will be made by hand until the midterm (2nd jury).

Key concepts: Culture, art

The site and design topic for ARCH 201
Göksu Region/İstanbul



Çengelköy Region/İstanbul



Working Method and Process:

After various readings, students will analyze a series of discussions on concepts such as being close to the waterfront, being on the road, being in a vehicle, walking/not walking during the journey, and will create a design pattern of their own.
Literature research: Creating a site-specific scenario by making an exploration in the selected area (Scenario should describe the situation of the place and the problem).
Sketches made during the journey should be expressed in drawings and documented with photographs and sketches
Architecture Program and function determination for problem solving
Developing suggestions with sketches, models or other techniques

Students can work on the same region in groups, but the project should be developed individually.

Assessment Criteria

Assessment Components		
Midterm Grade	PROCESS PERFORMANCE (including active participation which means attendance with official submission of a <u>sketch book</u> 5%) + OPEN EXHIBITION AND SUBMISSION 1 (10%) + MIDTERM UPLOAD (25%)	5% 10% 25% ----- % 40
	The content and dates of submissions could be changed. Further details will be announced during the semester. Sketch book is a <u>record of a student's design journey</u> including text, sketches, drawings, spontaneous notes, collected materials about the site.	
Final Grade	1 SKETCH EXAM + PROCESS PERFORMANCE ((including active participation which means attendance with official submission of a <u>sketch book</u> and <u>A4 file of all materials</u> 10%) + OPEN EXHIBITION AND SUBMISSION 2 (10%) + FINAL JURY UPLOAD (40%)	10% 10% 40% ----- % 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	
Course success-Total		%100

WEEKLY TOPICS AND PREPARATIONS: Classes consist of research, discussion of projects, model making, readings and presentations in a studio environment every week. Course content consists of seminars, student presentations, discussion and readings, field trips and field studies. At the end of the field studies, a presentation is made with a report.

WEEKS	DATE	TOPICS	PREPARATIONS
1. Week	03.10.2022	General Meeting, Introduction to the studio culture and content. SKETCH Festival /BRAIN STORMING/ENCOUNTERING	Discussion & Introduction: Preparation and Introduction of Readings

2. Week	10.10.2022	Site visiting	Drawing tools are going to be brought,
3. Week	17.10.2022	Studio works, Urban analysis and public space	Analysis: 1/1000 analysis, diagrams and mappings
4. Week	24.10.2022	Urban analysis and public space: Sketch and discussion	1/500 site plan, 1/500 site section, 1/200 floor/level plans, sections, views, free hand perspectives, model
5. Week	31.10.2022	OPEN EXHIBITION AND SUBMISSION 01¹	See the appendix
6. Week	07.11.2022	Discussing Student Projects	1/500 site plan, 1/200 floor/level plans, sections, views, free hand perspectives, model, 1/20 system section
7. Week	14.11.2022	Discussing Student Projects	1/500 site plan, 1/200 floor/level plans, sections, views, free hand perspectives, model, 1/20 system section
MIDTERM WEEK² 19.11.2022-27.11.2022		Evaluation of spatial decisions related to urban scale Note: Traditional methods will be used until the midterm, and digital delivery tools will be used after the midterm exam. See the appendix for the requirements	
8. Week	28.11.2022	SKETCH EXAM 02³ Discussing Student Projects	1/500, 1/200 Plan+Section+Elevation and 1/100 Plan+1/50
9. Week	5.12.2022	Discussing Student Projects (Continue on the digital medium (Sketch Up, AutoCAD)	1/100 Plan+Section+Elevation+1/200 Site plan+1/50
10. Week	12.12.2022	Discussing Student Projects (Continue on the digital medium (Sketch Up, AutoCAD)	1/100 Plan+Section+Elevation +1/200 Site plan +1/100 Model+1/200 Site Plan
11. Week	19.12.2022	Discussing Student Projects (Continue on the digital medium (Sketch Up, AutoCAD)	1/100 Plan+Section+Elevation +1/200 Site plan +1/100 Model
12. Week	26.12.2022	OPEN EXHIBITION AND SUBMISSION 02⁴	See the appendix
13. Week	02.01.2023	Discussing Student Projects (Continue on the digital medium (Sketch Up, AutoCAD), Studio critique at system detail scale	1/100 Plan+Section+Elevation +1/200 Site plan +1/100 Model +1/200 Site Plan + Perspectives+1/500, 1/200 + 1/50
14. Week	09.01.2023	Discussing Student Projects (Studio critique at system detail scale, Completion of studies with final critics)	1/500, 1/200 +1/100+ 1/50, Whole working set and productions
FINAL WEEK⁵ 16.01.2023-29.01.2023		Evaluation of all works	

RESOURCES

- Arnheim, Rudolf, 1974. Art and visual perception : a psychology of the creative eye, University of California Press, Berkeley.
- Arnheim, Rudolf, 1977. The Dynamics of Architectural Form, University of California Press, Berkeley
- The Image of the City / Kevin Lynch.
- Bachelard, Gaston, 1996. Mekanın Poetikası, Kesit yayınları, İstanbul.
- Barley, N. 2000. Breathing Cities: the Architecture of Movement. Birkhäuser Basel;
- Ballantyne, Andrew, 2005. Architecture Theory: A reader in Philosophy and Culture, London, Continuum
- Ching, Francis, 1996. Architecture: Form, Space & Order, Van Nostrand Reinhold, New York.
- Curtis, William J.R., 2005. Modern Architecture Since 1900, Phaidon.
- de Botton, Alain 2007. Mutluluğun Mimarisi, Sel yayıncılık, İstanbul.
- Giedion, Sigfried, 1967. Space Time and Architecture, Harvard University Press.
- Hays, K. Michael (ed.), 1998. Architecture Theory Since 1968, MIT Press.
- Hertzberger H.; 1991. Lessons for Students in Architecture, Uitgeverij 010 Publishers.
- Koolhaas R. ve Mau, B., 1997. S.M.L.XL., Taschen.
- Koolhaas, Rem , 1994. Delirious New York: a retroactive manifesto for Manhattan 010 Publisher, Rotterdam.
- Leach, Neil (ed.), 1997. Rethinking Architecture: A Reader in Cultural Theory.
- Leach, Neil (ed.), 2002. Hieroglyphics of Space: Reading and experiencing modern metropolis.
- **Lynch, Kevin, 1960, The Image of the City, MIT Press, Cambridge.**
- Merleau-Ponty, M. 2002. Phenomenology of Perception. Translated by C. Smith. London and New York: Routledge.
- Neufert, Ernst, 2000, Architects Data, Malden, MA : Blackwell Science Publishers.
- **Norberg-Schulz, Christian, 1971. Existence, space & architecture, Studio Vista, London.**
- **Norberg-Schulz, Christian, 1980. Genius loci : towards a phenomenology of architecture, Academy Editions, London.**
- **Norberg-Schulz, C. 1985. The Concept of Dwelling: On the Way to Figurative Architecture. New York: Electa, Rizzoli.**

- ¹ Dönem Teslimi 01
- ² Ara Sınav Teslimi ve 1. Jüri
- ³ Eskiz Sınavı 02
- ⁴ Dönem Teslimi 02
- ⁵ Final Teslimi ve 2. Jüri

- **Norberg-Schulz, Christian, 1988, Architecture : meaning and place : selected essays, Rizzoli, International Publications, New York, N.Y.**
- **Perec, G. (2016), Mekan Feşmekan (Especies d'espaces), (Everest Yayınları/Éditions Galilee, 1974) s.128- 145.**
- Raban, Jonathan. 1974. Soft City. New York: E.P. Dutton & Co, Inc.
- Rapoport, Amos, 1969. House Form and Culture, Englewood Cliffs, N.J. : Prentice-Hall.
- Venturi, Robert, 1991. Mimarlıkta karmaşıklık ve çelişki / Robert Venturi; çev. Serpil Merzi-Özaloğlu, Şevki Vanlı Yayınları, İstanbul.
- Venturi, Robert, 1977. Learning from Las Vegas: The forgotten symbolism of architectural form, Cambridge, Mass.: MIT Press
- Kostof, Spiro, 1985, A History of Architecture, Berkeley.
- **Rasmussen, Steen Eiler, 1994. Yaşanan Mimari, Remzi Kitabevi. İstanbul.**
- Rudofsky, Bernard. 1965. Architecture without architects: A short introduction to non-pedigreed architecture, New York: Museum of Modern Art.
- Tschumi, Bernard, 1996, Architecture and Disjunction, Event Cities, The MIT Press.

ECTS / WORKING HOURS TABLE

Activities	Number of Weeks	Duration (Hour)	Working Hour
Duration of Course (Including Exams: 15 x Total Weekly Course hour)	15	8	120
Extracurricular Working Hour (Preparatory Work, Review assignments, Internet Studies, etc.)	15	5	75
Homework and presentations	2	6	12
Mid-term Exams (3 JURY)	2	15	30
Final Exam	1	10	10
Working Hours in Total	2	15	30
Working Hours in Total / 30	1	27	27
ECTS Credit of the Course			304
Activities			304/ 30
Duration of Course (Including Exams: 15 x Total Weekly Course hour)			10

EXPLANATIONS

OPEN EXHIBITION AND SUBMISSION 01

- 1/1000 Environmental analyzes
- 1/500 Land Model + 1/500 Land Section
- 1/200 Site Plan (with public space proposals)
- 1/200 Scenario and sketch studies / must be explained within the site plan and sections (volume+bubble Diagram etc.) / The scenario must be related to the analysis.

MIDTERM SUBMISSION – 1. Jury

ATTENTION

- All submissions must be in A4 and/or multiples (A3, A2, A1, A0)
- You must hand in all your loading documents on the day of the jury, together with a 'fitted' black and white copy in an A4 format file.
- All your uploads must be uploaded to both ues and drive folders on time.

CONTENTS (All submissions must be hand drawn)

- 1/1000 Analysis
- Study explaining the relationship between the analyzes and the idea project
- 1/500 scale tool:
 - 1/500 Site Plan (Containing the Relationship with surroundings and together with the proposed project)
 - 1/500 land section (with its surroundings)
 - 1/500 Model (with Public Domain "Housing +" Proposal)
- 1/200 scale set (preliminary project)
 - 1/200 Site Plan (with the surrounding area and the designed structure) and 1/200 Land Section (with the surrounding area and the designed structure)
 - 1/200 Mass Model (with immediate surroundings: roads, trees, etc.)
 - 1/200 Floor plans (To be processed together with all floors related to the ground and its surroundings)
 - 1/200 scale 1 Section (with its circumference)
 - 2 Views in 1/200 scale (with surroundings)

- All kinds of two- and three-dimensional diagrams, texts, sketches, collages, photographs, narrative techniques that explain the design strategies and conceptual approach can be used.

OPEN EXHIBITION AND SUBMISSION 02

- Autocad set:
 - 1/200 Site Plan and 1/200 Section of the building within the land
 - 1/100 ground floor plan
 - 1/100 scale 1 Section
 - 1/100 scale 1 View
- Hand drawn set (preliminary project)
 - 1/500 Land Model
 - 1/200 Site Plan
 - 1/100 Site Plan
 - 2 Sections in 1/100 scale
 - 4 Views in 1/100 scale
 - Mockups:
 - 1/100 Mass Model + House
 - Describes the concept and approach SketchUp model

FINAL EXAM SUBMISSION – 2. Jury

1/1000 Environmental Analysis, Synthesis Sheets

Autocad set:

- 1/500 Site Plan
- 1/200 Layout Plan
- 1/200 Longitudunal Section of the building within the land
- 1/100 Floor plans
- 2 Sections in 1/100 scale (with surrounding)
- 2 Elevations in 1/100 scale (one side elevation, one front elevation - both with surroundings)

Hand drawn set (preliminary project) and Physical models:

- 1/200 Site Plan
- 1/100 Floor Plans
- 2 Sections in 1/100 scale (with surrounding)
- 4 Views in 1/100 scale (with surrounding)
- 1/100 Axonometric Perspective
- 1/500 Physical Site Model (with the designed building)
- 1/100 Physical Site Model+House

3D Digital Model

- SketchUp model explaining approaches and concept

1/50 Technical drawing and details