
CO WORK
RE SEARCH
IN HABIT
SLEEPLESS BOĞAZİÇİ

ITU Department of Architecture
'19/'20 Spring Semester
Graduation Project
Jury G

[CO]-WORK, [RE]-SEARCH, [IN]-HABIT
[CORE]-IN:
SLEEPLESS BOĞAZİÇİ

THEME

The theme of the graduation project can be defined as a proposed/speculated complex which lives 24/7 (without sleep) around the Boğaziçi University (and also metropolis). Inside the complex, collaborations can be organized between the university and public (priorly disadvantaged groups; children, young and women); (under)grads and alumni can plan or develop their future career thanks to trainings or experiences with corporate organizations; diverse research opportunities, various spatial configurations and usage alternatives can bring together (accommodation for invited researchers, temporary or permanent working possibilities etc.); gathering spaces, speakers' corner, audio-visual or social media-based platforms for printing/broadcasting can be developed under the title of 'media for sharing'

JURY

Assoc. Prof. Dr. Funda Uz
Assoc. Prof. Dr. Mehmet Emin Şalgamcıoğlu
Res. Asst. Erenalp Büyüktopcu
Res. Asst. Sühan Artuğ
Assoc. Prof. Dr. Ecem Edis
Dr. Gülseren Erol
Prof. Dr. Arzu Erdem (Emeritus ITU-KHAS)
Architect Kerem Piker (BSc. ITU, MSc. TUDelft)
Architect Alper Derinboğaz (BSc. ITU, MSc. UCLA)
Advisor / Prof. Dr. Zafer Yenal (Boğaziçi University)

THE AIM OF THE GRADUATION PROJECT

The graduation project is expected to prove that each student possesses the understanding and ability necessary for the profession. It requires the knowledge and skills to produce an architectural solution that demonstrates competence to make design decisions about a single project while demonstrating broad integration and consideration of design knowledge and decisions across different fields constituting architecture education.

Students must be able to build abstract relationships and understand the impact of ideas, based on the research and analysis of contexts related to architecture; the critiques throughout the process are intended to contribute to this, by providing a learning medium for developing the understanding and ability of students. While including all the concerns stated above, the basic premise of the graduation project is to produce an architectural solution as the product of an integrative design process.

SCOPE OF THE GRADUATION PROJECT

The project consists of these stages:
The project – architectural design work
Preliminary jury sessions
Sketch-problem
Final jury session

> THE PROJECT

The project will be the outcome of the students' studies on the given subject and especially their personal arguments and efforts. The project will be developed in guidance of the specified architectural program, urban context and other conditions concerning the location and program.

> JURY SESSIONS

The project developed by the students will be presented to the jury members at the indicated dates. All the drawings and other requested documents should be prepared and handed in on time for the sessions, in order to be reviewed and evaluated by the jury. In these sessions the jury members will share their critics and comments on the proposals.

Submissions should be made personally to the evaluation committee one day before the indicated date (between 16:00-18:00 unless otherwise announced by the coordination committee). All of the presentation boards and the photographs of the models will be uploaded to the Group Folder in online storage service (will be announced, each uploaded file should be maximum 20mb) in each jury session, until the 8pm of each session's hard copy submission day. It is important to upload only the submitted materials, exactly as submitted.

The day, jury session will take place, all the students are expected to be present at 09:30 and make the spatial organization for the jury to review the posters and presentations. The order of projects will be determined at the same day. Students are required to attend all scheduled jury sessions; otherwise, this will be grounds for failure of the project.

> SKETCH-PROBLEM

Sketch-problem is another important component of the graduation project. The aim of the work is proving the students' skills of dealing with a design problem within a limited time interval, without receiving help from any other external source, except their own knowledge and experience. It is compulsory to take the exam, which will take place on the 15th of April, 2020, Wednesday, 09:30-17:30.

> FINAL JURY

Final Jury will be held for the presentations and explanations of the completed projects. Besides that, the jury members may ask the students different questions in order to gain insight about the students' competency of knowledge and his/her approach to architecture in general.

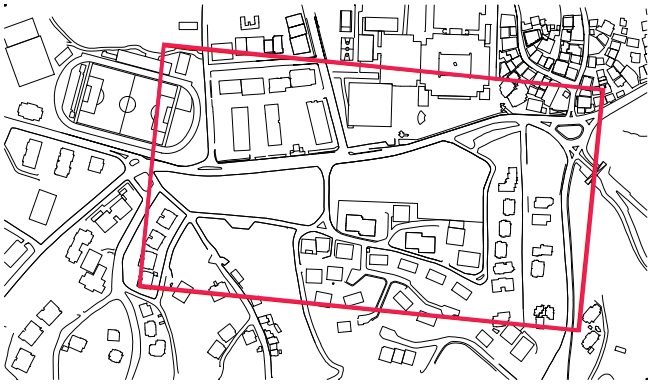
Submissions should be on time; diploma projects will be submitted at the announced date and time sharp, and should be stamped by the Department of Architecture. No late entries will be allowed. Students should consider the workload of printing services during the submission day.

The final evaluation and grading includes all the stages, i.e. the final project, preliminary and final juries, and the sketch-problem together; the project should not be regarded as the single input for the final evaluation.

For the recent graduation project procedures: http://www.mimogis.itu.edu.tr/bitirmeesaslari/MIM.pdf

DOCUMENTS TO BE SUBMITTED TO STUDENTS

Project theme and program
Maps & CAD files of the site (drawings and model borders)



Borders for the physical model (1/500)

SCHEDULE

> SUBMISSION OF THE PROJECT BRIEF
February 12, 2020 Wednesday / 13.30 / 3406

> SITE TRIP AND SEMINAR
February 19, 2020 Wednesday /10.30-13.30 /
in Boğaziçi University with Prof. Dr. Zafer Yenal

> DEADLINE FOR SUBMITTING QUESTIONS
February 19, 2020 Wednesday / 17.00 / Dept. of Arch.

> ANNOUNCEMENT OF THE ANSWERS
February 21, 2020 Friday / 13.30 / Dept. of Arch.

> PROGRAMMING SEMINAR AND FORUM
February 26, 2020 Wednesday / 09.30-17.30 /
in ITU Taşkışla with Aslı Şener & Burcu Serdar Köknar (BU Landscape Project) from anonim.istanbul

> SUBMISSION OF DOCUMENTS FOR 1ST JURY
March 10, 2020 Tuesday / 16.00-17.30 / 3406

> 1ST JURY
March 11, 2020 Wednesday / 09.30 / 3406

> SUBMISSION OF DOCUMENTS FOR 2ND JURY
April 7, 2020 Tuesday / 16.00-17.30 / 3406

> 2ND JURY
April 8, 2020 Wednesday / 09.30 / 3406

> SKETCH-PROBLEM
April 15, 2020 Wednesday / 09.30-17.30 / 3406

> SUBMISSION OF DOCUMENTS FOR 3RD JURY
May 12, 2020 Tuesday / 16.00-17.30 / 3406

> 3RD JURY
May 13, 2020 Wednesday / 09.30 / 3406

> FINAL SUBMISSIONS
June 15, 2020 Monday / 16.00-18.00 / 3406

> FINAL JURY
June 18, 2020 Thursday / 09.30 / 3406

REQUIRED MATERIALS FOR JURY EVALUATION

PRE-JURY STUDIES (SEMINAR AND FORUM)

During the day-long seminar and forum, each student will present their own 'major programmatic core' and spaces/volumes/units which are correspondingly cultivated from the 'core' through site-related analysis, theoretical readings, mappings, diagrams, sketches etc. and participate in discussions.

JURY SESSIONS

Although the material for graduation projects' evaluation is specified for every jury session, every student maybe asked by the jury members to produce additional documents in different scale or with different content according to their specific approach to the problem.

FIRST JURY

>Approach to the theme and place based on research. Planning decisions; relation of the site with the environment; site specific issues; questioning of design within urban context and the development of a personal interpretation,
Diagrams, mappings, text max. 500 words, photographs, perspectives, collages, movies

> Development and detailing of the building program with possible, preferably creative and unique scenarios. ***Diagrams***

> General context of the region, that shows the main characteristics of architectural and landscape design approach ***1/2000 - 1/1000***

> Site plan 1/500

> Physical model in 1/500 *(physical model borders are given at 'documents to be submitted to students' subtitle)* ***and Study models*** *within the general context expressive of approach to the project; may include models that show the conceptual approach at different scales, depending on student's choice*

> Plans, sections, elevations *of the urban environment which discuss the programmatic and spatial proposals for life scenarios* ***1/500***

> Storyboard *- that expresses the life and atmosphere of project, shows the relations between events and spaces, interiors and exteriors 5-10 seq. of images*

> A3 size of presentation boards *for summarizing the whole project (1 set of hardcopy).*

> Uploading digital files *to the online storage service: Boards (A1 — pdf) (max. 20 MB for each file)*

SECOND JURY

> Basic concepts and solutions:
Various scales, diagrams
- Spatial organization - boundaries, continuity, orientation, meaningfulness, conceivability, scale, etc.;
- Organization of individual spaces as part of a whole;
- Design scenario with possible activities
- Appropriateness of the organization of practices/ events;
- Proposals for landscape, open-closed space relations, natural-built relations;
- Structural, climatic, lighting, and other technical/ design decisions and their coherency.

> General context of the region, that shows the main characteristics of architectural and landscape design approach (improved) ***1/2000 - 1/1000***

> Site plan 1/500

> Ground floor plan, longitudinal section *from the site, silhoutte* ***1/500***

> Physical model in 1/500 *scale in general (physical model borders are given at 'documents to be submitted to students' subtitle)* ***and section model in 1/200*** *from characteristic part of the design.*

> Plans, sections and elevations *drawings that show vertical spatial relationships, relationships between the shared and private spaces, entrances, relationships between open and closed spaces, structural system, the proposed everyday life.* ***1/200***

> Diagrammatic 3D drawings (digital models, perspectives, collages, etc.) *that demonstrate the atmosphere of the project Various scales*

> Diagrams *including structural system and construction elements (joints, axes); materials (color, texture, shape); climatic decisions; lighting issues; circulation and layout. Various scales*

> Storyboard *-that expresses the life and atmosphere of the project, shows the relations between events and spaces, interiors and exteriors 5-10 sequences of images*

> A3 size of presentation boards *for summarizing the whole project. (1 set of hardcopy).*

> Uploading digital files *to the online storage service: Boards (A1 — pdf) (max. 20 MB for each file)*

THIRD JURY

> Final design development: ***Various scales, diagrams***
- Spatial organization - boundaries, continuity, orientation, meaningfulness, conceivability, scale, etc.;
- Organization of individual spaces as part of a whole;
- Design scenario with possible activities
- Appropriateness of the organization of practices/ events;
- Proposals for landscape, open-closed space relations, natural-built relations;
- Structural, climatic, lighting, and other technical/ design decisions and their coherency.

> General context of the region, that shows the main characteristics of architectural and landscape design approach (improved) ***1/2000 - 1/1000***

> ***Site plan, longitudinal section*** *from the site,* ***1/500***

> ***Physical model in 1/500*** *scale in general (physical model borders are given at 'documents to be submitted to students' subtitle)* ***and section model in 1/200*** *from characteristic part of the design.*

> ***Ground floor plan*** *including relations with surroundings, longitudinal section from site & the building(s)* ***1/200***

> ***Plans, sections and elevations*** *drawings that show vertical spatial relationships, relationships between the shared and private spaces, entrances, relationships between open and closed spaces, structural system, the proposed everyday life.* ***1/200***

> ***Sections*** *that show subsystems i.e. structural system, service systems, building elements and their components (materials)* ***1/50***

> ***System drawing*** *(partial system axonometric), which comprise structural system, service systems, building elements and their components (materials and details)* ***1/20***

> ***Diagrammatic 3D drawings (digital models, perspectives, collages, etc.)*** *that demonstrate the atmosphere of the project Various scales*

> ***Structural system and construction elements*** *(joint, axes, vertical load bearing members);* ***materials*** *(color, texture, shape);* ***climatic decisions; lighting issues; circulation and layout. Various scales***

> ***Storyboard*** *- that expresses the life and atmosphere of project, shows the relations between events and spaces, interiors and exteriors 5-10 seq. of images*

> ***A3 size of presentation boards*** *for summarizing the whole project (1 set of hardcopy).*

> ***Uploading digital files*** *to the online storage service: Boards (A1 — pdf) (max. 20 MB for each file)*

FINAL JURY (A1 BOARDS)

> Final design development: ***Various scales, diagrams***
- Spatial organization - boundaries, continuity, orientation, meaningfulness, conceivability, scale, etc.;
- Organization of individual spaces as part of a whole;
- Design scenario with possible activities
- Appropriateness of the organization of practices/ events;
- Proposals for landscape, open-closed space relations, natural-built relations;
- Structural, climatic, lighting, and other technical/ design decisions and their coherency.

> General context of the region, that shows the main characteristics of architectural and landscape design approach (improved) ***1/2000 - 1/1000***

> ***Site plan, longitudinal section*** *from the site, silhouette* ***1/500***

> ***Physical model in 1/500*** *scale in general (physical model borders are given at 'documents to be submitted to students' subtitle)* ***and section model*** *in 1/200 from characteristic part of the design.*

> ***Ground floor plan*** *including relations with surroundings, longitudinal section from site & the building(s)* ***1/200***

> ***Plans, sections and elevations*** *drawings that show vertical spatial relationships, relationships between the shared and private spaces, entrances, relationships between open and closed spaces, structural system, the proposed everyday life.* ***1/200***

> ***Sections*** *that show subsystems i.e. structural system, service systems, building elements and their components (materials)* ***1/50***

> ***System drawing*** *(partial system axonometric), which comprise structural system, service systems, building elements and their components (materials and details)* ***1/20***

> ***Diagrammatic 3D drawings (digital models, perspectives, collages, etc.)*** *that demonstrate the atmosphere of the project Various scales*

> ***Structural system and construction elements*** *(joint, axes, vertical load bearing members);* ***materials*** *(color, texture, shape);* ***climatic decisions; lighting issues; circulation and layout.*** *Various scales*

> ***Storyboard*** *-that expresses the life and atmosphere of the project, shows the relations between events and spaces, interiors and exteriors 5-10 sequences of images*

> ***Final Jury boards*** *will also be submitted in A3 size (1 set of hardcopy).*

> ***A3 Portfolio*** *for the final presentation, an A3 booklet will be submitted as a summary of the whole process of the work done during the diploma project including the architectural design report attached*

> ***Flash Disk*** *including all of the submitted material Boards (A1 — pdf) + Project Report (A4 — pdf) + Portfolio (A3 — pdf)*

> ***Uploading digital files*** *to the Google Drive file: Boards (A1 — pdf) + Project Report (A4 — pdf) + Portfolio (A3 — pdf) (max. 20 MB for each file)*

PRESENTATION GUIDELINES

The method of presentation is free, provided that the students themselves prepare and present the material. The type of paper, drawing, modeling technique and use of color is left to the discretion of the student. Any type of material may be used as long as they are adequate for the diploma project. In addition to these, students may submit properly formatted documents such as sketches, graphics and textual descriptions depicting the process. Posters are to be prepared with a view to project integrity and ease of exhibition and preservation. Also each poster, layout plan and model will be organized from the same viewing direction graphically. Expressing the architectural project in its entirety and authenticity will be taken into consideration in the evaluation.

EVALUATION CRITERIA

> Attendance to juries, workshops and panel sessions.
> Personal evaluation of the design problem, ability of approaching design problems in a multi-dimensional way, performance in carrying out the whole design process in a critical way.
> Competence in establishing relations of design decisions with context, program and spatial-formal-tectonic setup.
> Adequate usage of representation tools in the production, development and communication of design concepts. Competence in multidimensional representation media.
> Submission of required materials both for the jury session and final submission.

DEFINITION AND CONCEPTUAL FRAME OF THE THEME

CONTENT / POSSIBLE PROGRAM

The site is approximately 18500 sqm, including the recreational area the total site area is 27500sqm. Students are expected to provide a conceptual framework regarding the architectural proposals. This conceptual framework is thought as something that affects and redefines the patterning between the programmatic categories listed below.

Proposed program components can be listed as follows:

URBAN THRESHOLD/INTERFACE - ON THE INTERSECTION OF BOĞAZİÇİ UNIVERSITY CAMPUSES

> Urban connections and boundary conditions should be addressed (urban transportation, entrances, visual relations, facade interfaces, inner/outer landscape, emergency evacuation scenarios -please refer to the fire safety regulations). How public, semi-public and restricted areas will be organized and managed (regulated, common, free, hybrid, etc.) should be investigated.

(min. ~500-1000 squaremeters)

SPACES OF ENCOUNTER - AS AN EXTENTION OF BOĞAZİÇİ UNIVERSITY CAMPUSES

> Indoor, outdoor, semi-indoor meeting spaces for various scenarios (small and large halls, together with dedicated services, should be proposed and adequately developed by the student for various possible types of meetings).

> Eating, drinking and informal gathering spaces, exhibitional and representational areas.

(~3000-4000 squaremeters)

THE TRIOLOGY OF CO-WORKING, RE-SEARCH AND IN-HABIT SPACES - THE THEMATIC INTERPRETATION OF BEING SLEEPLESS (IN-BETWEEN PUBLIC AND UNIVERSITY, STUDENTS AND PRFESSIONALS

Each project should include units/volumes from each subtitles of the triology. Meanwhile, everyone should select one-of-three subtitle as their 'major programmatic core' and their scenario mainly will be shaped around that. The balance in between subtitles will be up to the context of each project.

> Temporary and management offices. (for the management of the facility. These can be centralized, distributed or participatory, according to the scenarios developed by the students)

> Working zones, workshops, ateliers, laboratories, (continuing) educational spaces (size and specifications according to the scenarios developed by the students).

> Various modes of temporary accommodation units for users, researchers, students (daily or short term options will be take into consideration)

> Spaces for sharing and representing the processes or workings (capable of exchanging data with peer organisations; audio/visual/digital broadcasting, printed press, social media etc.)

(~3000-5000 squaremeters)

SERVICE, TECHNICAL AND PARKING SPACES

> Employee spaces (service, security, management, etc. according to the scenarios developed by the students)

> HVAC, storages, cleaning rooms, emergency shelter, services etc.

> Number of vehicles are related to the proposals.

CIRCULATION

> Adequate vertical and horizontal, visual and spatial connectivity should be provided, how circulation may be part of the life of the facility should be investigated.

RECOMMENDED BOOKS AND MATERIALS

> Keyder, Ç. (2000), İstanbul: Küresel ile Yerel Arasında, Metis Yayınları, İstanbul

> Freely, J. (2012). A bridge of culture : Robert College- Boğaziçi University : How an American College in İstanbul Became a Turkish University. İstanbul: Boğaziçi Üniversitesi Yayınları.

> Bakırcı, D., & Ayataç, H. (2018). Evaluation of spatial change in 20th century housing production through Etiler Housing Cooperative.

> Sustainable design of research laboratories : planning, design, and operation. (2010). John Wiley & Sons.

> Watch, D. (2008). Building type basics for research laboratories. Wiley.

> Linz, B. (2007). Science spaces : architecture & design. Daab.

> Buildings for research. (1958). F.W. Dodge.

> Schuermann, M. (2013). Coworking Space: A Potent Business Model for Plug 'n Play and Indie Workers. Springer

> Kinugasa-Tsui, K. (2018). Co-Working Space Design. Images Publishing Group

> Grech, C., & Walters, D. (2008). Future office : design, practice, and applied research. Routledge, Taylor & Francis Group.

> Stegmeier, D. (2008). Innovations in office design : the critical influence approach to effective work environments. John Wiley & Sons.

> Castells, M. (2009). The Rise of the Network Society. United Kingdom: Wiley-Blackwell.

> Dolley, J. Bosman, C. (2019). Rethinking Third Places: Informal Public Spaces and Community Building. United Kingdom: Edward Elgar Publishing.

> Wilkie, R. (2011). The Digital Condition: Class and Culture in the Information Network. New York: Fordham University Press

> Ching, F., Onouye, B., & Zuberbuhler, D. (2009). Building structures illustrated. John Wiley & Sons.

> 2050: Designing Our Tomorrow, Chris Luebkeman, (ed.) AD, July/August 2015, Volume 85, Issue 4,

> Architectures of the Near Future, ed. Nic Clear, AD, Volume 79, Issue 5, 2009.

Panoramic view from the site to the Bosphorus

> Space Reader: Heterogeneous Space in Arch., eds. M. Hensel, A. Menges, C. Hight, AD, 2009

> Certeau, Michel De (1984). The Practice of Everyday Life, Univ. Of California Press, / (2009). Gündelik Hayatın Keşfi: Eylem, Uygulama, Üretim Sanatları, Dost Yayınevi.

> Bunschoten, Raoul; CHORA (2002), Public Spaces - Prototypes, Black Dog Architecture, London.

> From object to Field: Field conditions in arch. and urbanism (http://lostritto.com/risd2013spring/wp-content/ uploads/2013/04/allen1.pdf)

> The Rise of the Network Society, The Information Age: Economy, Society and Culture Vol. I., Castells, M., Blackwell, 1996.

> Recombinant Urbanism: Conceptual Modeling in Architecture, Urban Design and City Theory, David Grahame Shane, John Wiley & Sons Publisher, 2005.

> The Urban Design Reader, Michael Larice, Routedge, New York, 2013.

> Architecture as a Habitable Medium, E. Diller, R. Scofidio, in Disappearing Architecture – From Real to Virtual to Quantum, eds. G. Flachbart, P. Weibel (pp. 184-195). Birkhaeuser, 2005.

> Kamusal Alan, ed. Eric Dacheux, Ayrıntı Yay., 2008.

> Carmona, Matthew; Wunderlich, Filipa Matos (2012), Capital Spaces: The Multiple Complex Public Spaces of a Global City, Routledge, Abingdon

> Gökgür, P. (2008), Kentsel Mekanda Kamusal Alanın Yeri, Bağlam Yayıncılık, İstanbul

> Harvey, D. (2016), Kent Deneyimi, Sel Yayıncılık, İstanbul

> Lefebvre, H. (1998), Modern Dünyada Gündelik Hayat, Metis Yayınları, İstanbul / (2015), Mekanın Üretimi, Sel Yayıncılık, İstanbul

> Özbek, M. (2004), Kamusal Alan, Hil Yay., İstanbul

> Perec, G. (2016), Mekan Feşmekan, Everest Yayınları, İstanbul

> Stavrides, S. (2018), Müşterek Mekan, Sel Yayıncılık, İstanbul

> A Verso Report, (2017), The Right to the City, Verso, London, United Kingdom.

> Belardi, P. (2015), Mimarlar Neden Hala Çiziyor?, / (2018), Ölçmek Çizmek Bilmek, Janus Yayıncılık, İstanbul

Aerial view to the Rumeli Hisarüstü Funicular Station

STUDENT LIST

1	20130190	Irmak Uğurlu
2	20130374	Salih Özsan
3	20130395	Utku Yön
4	20130511	Başak Akarsu
5	20130553	Buket Nur Ertaş
6	20130812	Muhammed Raşit Güvener
7	20140014	Şebnem Balım
8	20140041	Dilara Gargı
9	20150025	Süleyman Hamza Güser
10	20150034	Pelin Kayhan
11	20150127	Alara Su Mildan
12	20150132	Fatih Erdil
13	20160760	Hüseyin Çelik
14	20170709	Hasan Kaya
15	20040128	Erhan Kıbrıs
16	20050122	Dilşah Timuçin
17	20120300	Gülşah Çelebi
18	20150013	Himmet Berat Karaçor
19	20150028	İlterhan Avcı

Credit: Trans Human Topologies by Aris Kafantaris & Ana Paisano