

**KARADENIZ TECHNICAL UNIVERSITY**  
**INSTITUTE OF NATURAL SCIENCES**

**DEPARTMENT OF URBAN DESIGN**

**NON-THESIS MASTER'S DEGREE PROGRAMS (EVENING)**

### **1. Name of the Program**

The name of this program is KTÜ Institute of Natural Sciences **Department of Urban Design Evening Non-Thesis Master's Degree Programs**. The alumni of this program earn the “Non-Thesis Master’s Degree in Urban Design”.

### **2. The Purpose for Offering the Program**

The Non-Thesis Evening Education Master’s Degree in Urban Design proposed for opening in scope of KTÜ’s Institute of Natural Sciences in the school year of 2016-2017, is a program of expertise which aims to transmit knowledge towards shaping man-made environments in urban areas, based on social, cultural, economic, environmental and physical factors into practice, and to improve technical and design-based skills through these transmissions.

The students who will graduate with this degree will be candidates to work as experts in different fields of work, particularly urban design. These fields of work are; architecture / urban design / city planning / landscape architecture offices, Ministry of Culture and Tourism, Ministry of Environment and Urban Planning, Ministry of Transportation, Municipal offices, as well as real estate assessment companies. In this context, opening the Non-Thesis Evening Education Master’s Degree in Urban Design program in scope of KTÜ’s Institute of Natural Sciences will create an important opportunity for professionals in design and fields related to design to achieve their career plans.

### **3. Content of the Program**

While urban design is an intersection of urban planning and architecture, it has a scope as in urban planning which focuses on making alterative interventions based on scientific approaches on urban texture-structure, time-based changes in the texture, and tendency of changes towards deterioration. The non-thesis master’s program aims to understand recurring processes of change in the urban texture and the man-made environment, factors of physiology, economy, ecology, culture and cultural heritage, reflecting these in practice, and ensuring that the students of the program improve their design-based and technical skills while doing these.

It is required to succeed in 4 theory, 3 project and 3 elective courses for completion of the program. Required and elective courses are structured to be covered 3 hours a week for 14 weeks, while this coverage is 6 hours for project courses. 2 weeks of project courses are allocated for field work and it is a requirement to show complete attendance for field work.

Elective courses are chosen from among courses under the titles of Method (Term I), History and Theory (Term II) and Development and Economy (Term III) in the catalogue. The period of study is three terms<sup>1</sup> (1.5 years) (Fall-Spring-Fall) and the medium of education is Turkish.

#### **4. The Vision and Mission of the Program**

The vision of the Non-Thesis Evening Education Master's Degree in Urban Design program in scope of KTÜ's Institute of Natural Sciences aims to train urban designers with knowledge and skills in theory-method-practice in urban design, which is an interdisciplinary field.

It is indispensable to determine the scope of urban planning training well, in order to understand the difference between urban planner and urban designer well and to eliminate/minimize conflicts and problems between these professions.

Urban planners are professionals in the field of "urban planning" who aim to provide the best usage and efficiency of the land/soil of a society/community, formulate plans for development/improvement of inner and outer cities, use the competitiveness of the land in an optimally economical way, and analyze environmental and social trends.

Urban planning is the process of designing and shaping cities, towns and villages. As opposed to architecture, it does not focus on the design of single buildings, but it is concerned with the functionality, attractiveness and sustainability of wide-scale collections of buildings, streets and public places, all neighborhood units, neighborhoods and the entire city. Urban design is an interdisciplinary field which used subjects related to the constructed environment. It is based on understanding various disciplines including physical geography, social sciences, real estate development, urban economics, political economics and social theory.

Urban planning is the process of shaping the physical environment of the life in cities, towns and villages. It is an art of creating spaces. It is a group of activities about designing buildings, collections of buildings and landscapes, as well as creating optimally successful developments (<http://www.udg.org.uk/careers>).

Based on the definitions and statements above, the vision and mission of the Non-Thesis Evening Education Master's Degree in Urban Design may be provided as the following:

Based on the fact that urban planning and urban design are two different professional fields, this programs goals are making Urban Design a multidisciplinary / interdisciplinary field of expertise and professional work, too, and training urban designers who have knowledge and skills in the areas of theory, method and practice to achieve this.

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<sup>1</sup> Disiplinler arası Kentsel Tasarım Tezsiz Yüksek Lisans Programı, 3 dönem olarak planlanmıştır.

In the light of the program content explained above, the mission of the Non-Thesis Master's Degree in Urban Design includes increasing the level of academic knowledge of the intended / interested parties, refreshing their professional knowledge, developing a multidimensional framework of design towards providing them with design and practice skills supported by theoretical approaches, and therefore increasing the capability of creating more livable urban environments that have higher quality.

## 5. Master's Degrees Offered at Our University and Collaboration with the Proposed Degree

There are 3 master's degree programs in the departments of Architecture, Interior Architecture and Urban and Regional Planning, and 1 doctoral degree program in the department of Architecture offered by the Institute of Natural Sciences, Karadeniz Technical University. It is a high potential that the proposed interdisciplinary Non-Thesis Evening Education Master's Degree in Urban Design will enter an academic collaboration with master's and doctoral degrees in the departments of the Institute.

It is considered that the Institutes of Natural Sciences and Social Sciences are directly or indirectly related to the proposed program. Therefore, the distribution of master's programs still offered in these two institutes at our university is provided in Table 1:

Table 1. Master's Programs Directly or Indirectly Related to the Proposed Program

<b>Master's Degree Programs of the Institute of Natural Sciences</b>	
<ul style="list-style-type: none"> <li>• Fishery Technology Engineering</li> <li>• Computer Engineering</li> <li>• Biology</li> <li>• Ecological Sciences</li> <li>• Maritime Transportation and Management Engineering</li> <li>• Electric Engineering</li> <li>• Electric-Electronics Engineering</li> <li>• Industrial Engineering</li> <li>• Physics</li> <li>• Naval Architecture and Marine Machines Engineering</li> <li>• Surveying Engineering</li> <li>• Interior Architecture</li> <li>• Elementary Education</li> <li>• Civil Engineering</li> <li>• Statistics and Computer Sciences</li> </ul>	<ul style="list-style-type: none"> <li>• Occupational Health and Safety</li> <li>• Geophysical Engineering</li> <li>• Geological Engineering</li> <li>• Chemistry</li> <li>• Fiber and Paper Technologies</li> <li>• Mining Engineering</li> <li>• Mechanical Engineering</li> <li>• Mathematics</li> <li>• Metallurgy and Materials Engineering</li> <li>• Architecture</li> <li>• Forest Industry Engineering</li> <li>• Landscape Architecture</li> <li>• City and Region Planning</li> <li>• Wildlife Ecology and Management</li> </ul>
<b>Master's Degree Programs of the Institute of Social Sciences</b>	

<ul style="list-style-type: none"> <li>• Western Languages and Literature</li> <li>• Working Economy and Industrial Relations</li> <li>• Econometrics</li> <li>• Public Relations and Advertising</li> <li>• Economics</li> <li>• Business</li> <li>• Public Administration</li> <li>• International Relations</li> </ul>	<ul style="list-style-type: none"> <li>• Finance</li> <li>• Common Private Law</li> <li>• Department of Art Painting</li> <li>• Sociology</li> <li>• History</li> <li>• Basic Islam Sciences</li> <li>• Turkish Language and Literature</li> </ul>
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While Urban Design is an interdisciplinary field of work related to natural and social sciences, collaborations regarding resolving problems set forth in scientific areas in an interdisciplinary approach and assessing the obtained results will be possible and necessary. Collaborations will be made with departments of City and Urban Planning, Landscape Architecture, and particularly Architecture in order to satisfy the need for teaching staff for courses to be established towards these areas which constitute the fundamentals of the main area.

## **6. Domestic and International Examples for the Proposed Non-Thesis Master's Program**

There are examples of the proposed program in domestic and international universities. Some of these are the following:

- McGill University, Master of Architecture (M.Arch.) in Post-professional (Non-Thesis) - Urban Design and Housing:

<https://www.mcgill.ca/study/2012-2013/faculties/engineering/graduate/programs/master-architecture-march-post-professional-non-thesis-%E2%80%94-urban-design-and-housing>

- Berkeley University, Master of Architecture (M. Arch)

<http://ced.berkeley.edu/academics/urban-design/master-of-urban-design>

- University of Melbourne, Melbourne School of Design, Master of Architecture (M.Arch.)

<https://msd.unimelb.edu.au/master-urban-design>

- İstanbul Technical University, Master of Urban Design:

<http://petek.fbe.itu.edu.tr/programmes.aspx?i=272>

## **7. Scope of the Program and the Scientific Fields It Contains**

It is aimed that the students graduating from the proposed Non-Thesis Evening Education Master's Degree in Urban Design will be experts who have knowledge about theories and applied fields of urban design, know the design sector and its practices, and hold the design qualifications necessitated by the globalization process. In this sense, the program will contain courses under the branches of Method, History and Theory, Development and Economy that may be listed as Architecture, Urban

Planning, Urban Design, Urban History, Economics, Urban Development, Design, Landscape, and so on. As this program is an interdisciplinary one, it will have a training structure which contains scientific fields such as Urban Design, Planning, Economics, Architecture.

## **8. Structure and Scope of the Program**

Campus: Kanuni Campus

Program: Master

Term: 3 Term (Fall-Spring-Fall)

Credit for each term : 24 AKTS

Credit for diploma: 72 AKTS

In the scope of this intensive and gradual program, economic, social, environmental and physical factors determinant in design are emphasized in line with the courses planned for the first and second terms. Technical skills and applications are taught in the third term.

During the program which consists of three terms, students are required to pass the three required urban design studios, four courses, as well as three elective courses consisting of one for each term. Required and elective courses are structured to be taught 3 hours a week for 14 weeks. Project courses are given 6 hours a week. Complete attendance is required for field studies that will last two weeks.

Elective courses are determined in the catalogue as 1 for each term. The students will be able to choose courses among the electives under the titles “Method” (Term I), “History and Theory” (Term II) and “Development and Economy” (Term III) with the approval of their supervisors.

## **9. Learning Outputs of the Program**

Outputs of the Non-Thesis Master’s Degree in Urban Design, where theory and practice are included together:

- Theoretically understanding the relationship of urban design theories and principles with comprehensive urban processes (social, economic and environmental)
- Improving the skills towards analyzing complex urban environments, as well as threats and opportunities on urban development, design and planning
- Understanding urban design processes and types of planning towards how urban design will take place (structural planning, master plan, etc.)
- Gaining skills for urban design methods, analyses, techniques
- Understanding the way of preparing and analyzing design guides
- Developing a language about urban design paradigms and cases, and understanding its usages in the process of design

- Carrying the skills of design gained on the undergraduate level to an advanced degree
- Gaining skills of communication among different professions with interdisciplinary studies
- Improving written, verbal and visual design communication skills
- Gaining knowledge about urban texture and history, as well as urban form and formation

#### 10. Estimated Data Regarding Student Demand

Table 2 shows the estimated number of students to be enrolled in the Non-Thesis Evening Education Master's Degree Program in Urban Design.

Table 2. Number of students who will start the Master's Degree program

	Number of Students Who Will Start the Degree		Total Number of
	Fall	Spring	
Year I	20	0	20
Year II	0	0	0
<b>General</b>	20		

Note: The assumptions used in determining the estimated numbers in Table 2 should follow the program's rationale. If there are similar master's degree programs at other universities in the region, the demand for those should be indicated.

#### 11. Student Admissions Conditions

In order to be admitted to the Non-Thesis Evening Education Master's Degree Program in Urban Design, the students (including those from international universities whose equivalence is approved by YÖK) must have a GPA of at least 65 out of 100 or 2.50 out of 4.00. The students will be admitted to the program based on the quota starting with those who have the highest GPAs. Applicants should have completed an undergraduate degree in Architecture, City and Region Planning, or Landscape Architecture areas. The program is opened with at least 15 students. The quota for international students in this program is determined as 5.

The students admitted for the interdisciplinary Non-Thesis Evening Education Master's Degree Program in Urban Design will pay a tuition of 2,000.00 TL for each term, adding to a sum of 6,000.00 TL. Payment for each credit is 200.00 TL, and the payment for the term project is 600 TL. Payments will be structured per credit for additional terms (4-5-6<sup>th</sup> terms), while students who failed only in the term project will pay an additional 500.00 TL.

#### 12. Conditions of Course Credits and Information on the Required and Elective Courses to Be Taken

The work load of the courses in the non-thesis master's degree corresponds to 90 ECTS credits as indicated by the Graduate Education-Teaching Regulation of KTÜ. ECTS list of the courses are given in Table 3, while Table 4 shows the recommended list of required and elective courses in scope of the

program. For graduation from this program, 4 theoretical courses (12 credits total), 3 projects (12 credits total) and 3 elective courses (9 credits total) should be successfully completed.

Table 3. ECTS Equivalents of the courses in the Master's Degree program

<b>Term I (24 ECTS)</b>	<b>C+P+L</b>	<b>ECTS</b>
Urban Design Studio I	2+4+0	18
History of Urban Development and Development Theories	3+0+0	6
Elective course	3+0+0	6
<b>Term II (24 ECTS)</b>	<b>C+P+L</b>	<b>ECTS</b>
Urban Design Studio II	2+4+0	18
Urban Landscape and Protecting Cultural Heritage	3+0+0	4
Quality of Urban Life/Urban Economy and Value Creation	3+0+0	4
Elective course	3+0+0	4
<b>Term III (24 ECTS)</b>	<b>C+P+L</b>	<b>ECTS</b>
Urban Design Studio III	2+4+0	18
Urban Development / Large Urban Projects and Distinguished Examples of Design	3+0+0	6
Elective course	3+0+0	6
<b>TOTAL</b>	<b>90 ECTS</b>	

Table 4. List of Courses Given in Scope of the Program

	<b>Course Code</b>	<b>Course Name</b>
<b>Term I</b>	KET101	Urban Design Studio I
	KET102	History of Urban Development and Development Theories
	KET103	Analysis and Design in Urban Design
	KET104	Planning and Urban Design
	KET105	Architecture, Identity and the City
<b>Term II</b>	KET201	Urban Design Studio II
	KET202	Quality of Urban Life / Urban Economy and Value Creation
	KET203	Urban Landscape and Protecting Cultural Heritage
	KET204	Urban Design Applications
	KET205	Urban Form and Design
	KET206	Urban Form Analyses
	KET207	Role of Design in Urban Economic Development
	KET208	Computer Applications in Urban Design
<b>Term III</b>	KET301	Urban Design Studio III
	KET302	Urban Development / Large Urban Projects and Distinguished Examples of Design
	KET303	Real Estate and Finance Principles
	KET304	Land Usage and Transportation Planning
	KET305	Sustainable Development and Urban Environment

The contents of the courses regarding the proposed program are established as the following:

**Compulsory Courses:**

**Urban Design Studio I**

Urban design information, urban design criteria, theoretical principles of urban design, design works on examples of urban models and typology, development of a concept project based on urban model organization principles.

**History of Urban Development and Development Theories**

Establishment process of concepts of urban and urbanization, urban forms and historical context, urban development principles, urban forms and their processes of formation, social, economic, political and technological contexts in urban development, theoretical discussions on land-spatial paradigms, policies, etc. via examples of cities, suggestions on development-formation of cities in the future.

**Urban Design Studio II**

Design, spatial analysis and visualization techniques for the constructed environment, analytical thinking system in planning, geographical information systems (GIS) and visual expression techniques, usage of demographic, social, cultural, economic factors providing a basis for planning, evaluation of public and private enterprise tendencies.

**Quality of Urban Life / Urban Economy and Value Creation**

Approaches on the relationship of society, culture and environment, concept of quality of urban life and its components, basic economic structure analyses in cities and space selection theory, economics in formation of usage of urban land, value in the physical environment, establishment and distribution of value, measuring value regarding urban land and property, urban land market, value increase process.

**Urban Landscape and Protecting Cultural Heritage**

Concepts of urban and cultural heritage, urban landscape and planning, urban landscape and heritage, city as a cultural asset, modern city image, designing qualified urban spaces, designing streets and public spaces.

**Urban Design Studio III**

Introduction to today's ideas, strategies and technical skills in urban design, metropolitan systems, new forms/formations in world cities and definitions of experimental urban identities, spatial applications and hypothesis recommendations towards solution of design problems, improving visual values and methods of creation for 3-dimensional space compositions.

## **Urban Development / Large Urban Projects and Distinguished Examples of Design**

Concept of urban development, discussions on urban history, form and landscape formations via design cases, ideas and techniques used in urban design in terms of perspectives of different disciplines, architecture-landscape architecture-civil engineering-arts workshop.

### **Elective Courses:**

#### **Analysis and Design in Urban Design**

Elements of urban texture, analysis of urban texture and urban texture types (organic, inorganic settlement, etc.), changes in urban textures through the city's historical development process, interactions of humans and the environment, analysis of concepts of perception, symbolism, public spaces, urban form characteristics, urban morphology, urban typology, urban identity and image, redirection, incorporation, separation, organization, diversity and difference within urban texture.

#### **Planning and Urban Design**

Physical dimensions of planning, approaches, techniques and tools used in formation of the constructed environment in terms of space and scale, concept of urban morphology, relationships of different region and land usage in the constructed environment, pedestrian transportation networks and different open space applications, residential area studies, spatial analysis in terms of road structures, structure islands, building morphology, open space networks and typology.

#### **Architecture, Identity and the City**

Relationship between identity and form, relationship between identity and the city, defining perception of cultural structure and identity in different periods, Turkish cities, world cities, aesthetics-structure-functionality, representation in architecture, structure and city reading applications, culture in the framework of the concept of identity, discussion on space interaction on an urban level.

#### **Urban Design Application**

Contemporary waves and urban design agenda, form-function relationship in historical context, form and silhouette analysis of urban spaces, urban structuring and density relationship, urban structuring conditions and aesthetics relationship, urban infrastructure-aesthetics-public relationship, private sector in the intersection of architecture and planning, public sector in the intersection of architecture and planning.

#### **Real Estate and Finance Principles**

Real estate and finance principles, international monetary markets, international bond markets, international share certificate market, international wallet management, international capital budget,

international enterprise capital management and finance of foreign trade, structurings using in real estate investments, Real estate investment options, evaluation of economic powers in urban design.

### **Urban Form and Design**

Roots of urban design (19-20<sup>th</sup> centuries), theory of urban form, urban form and urban design, morphological-social-perceptual-visual-functional dimensions of urban design, formation of the urban form.

### **Urban Form Analyses**

City development in historical context, urban form and its urban design, factors influential in design of contemporary cities, urban methods of analysis, urban structure (movement, usage, density, landscape, structure islands, plots), urban change/development process, city analyses and examples.

### **Role of Design in Urban Economic Development**

Basic principles of urban design, place selection principles and factors in urban spaces, urban development functions and the concept of centralization, grading spaces in urban design, urban design standards, spatial reflections of the effects of globalization and economics, physical design for different urban spaces (resident, commercial space, etc.), management of the design process between the urban designer and the private-public entrepreneur, economic specialization in historical city centers.

### **Computer Applications in Urban Design**

Presentation techniques, language of graphical expression and preparation techniques in urban design, introduction of computer applications, usage of programs on a basic level, presentation and practice.

Detailed packages of information containing details on the contents of the planned courses, their objectives and other details are given below.

### **Sustainable Development and Urban Environment**

Basis of philosophy of sustainability, thought systems, sustainable nutrition production and consumption, sustainable trade activities, social and environmental problems management and economy, sustainable society attempts, sustainable architecture and cities, relation of ecology and principles of economy and 'equality'/'conscientious'

## **13. Faculty Members to Be Included in the Master's Degree Program**

Faculty members to take part in the proposed interdisciplinary Non-Thesis Evening Education Master's Degree program are: 1 associate professor from the department of city planning at KTÜ; 1

associate and 1 assistant professors from the department of morphology; 1 associate and 2 assistant professors from the department of building science; 1 assistant professor from the department of history of architecture; 1 associate professor from the department of region planning at KTÜ city and region planning; 1 associate and 1 assistant professors from the department of city planning; 1 professor from the department of landscape techniques at KTÜ landscape architecture; 2 associate professors from the department of plant materials and cultivation. This makes a total of 13 faculty members who will contribute to the program.

Table 6, Table 7a and Table 7b (named s 2a and 2b in YÖK's format) containing the names, titles, positions and working conditions of the relevant team and personal information about the faculty members are provided in attachment in the excel format and as a separate document.

#### **14. Information on Faculty Members to Teach in the Proposed Program**

13 faculty members from different departments will contribute to the interdisciplinary Non-Thesis Evening Education Master's Degree Program in Urban Design. Detailed resume information of the relevant faculty members is given in the attachment.

#### **15. Information on Assisting Staff (Specialist, Technician)**

1 technician and 1 employee will be in position within the Department of Architecture at Karadeniz Technical University's Faculty of Architecture, in order to provide laboratory and technical support for the proposed program.

#### **16. The Current Laboratory and the List of Significant Devices**

There is a total of 66 desktop computers in the computer-assisted design laboratories at the Faculty of Architecture, where the proposed program will take place. Additionally, there are 3 projectors and air conditioners. These computers are available for students between 8:00 AM and 5:00 PM during week days. 3 photocopy machines in the faculty are also available for students' usage. Students are also able to use the materials in the laboratories. Table 8 provides the list of the mentioned equipment.

Table 8. The Infrastructure and Equipment at the Laboratory to Be Used for the Program

	Place	Equipment
<b>LABORATORIES</b>	Özgönül Aksoy Laboratory	Personal Computer (51 pieces) Projector (2 pieces) Laser Printer (1 piece) Air Conditioner (2 pieces)
	Master's Degree Computer Assisted Design Laboratory	Personal Computer (15 pieces) Projector (1 piece) Air Conditioner (1 piece)
<b>HALLS</b>	Large Seminar Hall	Meeting room for 30 people Projector (1 piece)
	Small Seminar Hall	Meeting room for 20 people Projector (1 piece)
<b>CLASSROOMS</b>	Technology Classroom-I	Personal Computer (1 piece) Classroom for 100 people Projector (1 piece)
	Technology Classroom-II	Personal Computer (1 piece) Classroom for 100 people Projector (1 piece)
<b>ROOM</b>	Technical Service Room	Large Scanning Device (1 piece) Plotter Device (1 piece) Printing Device (1 piece)

### 17. Names and Databases of Periodicals Included in the Library of Our University and Our Department

Database subscriptions of the university and the list of publications in the library related to the Department of Urban Design were given below.

#### **Publication List :**

- A.E. Doğan (2001), “Türkiye Kentlerinde Yirmi Yılın Bilançosu”, Praksis, Sayı:2, s.97-123.
- Akçura, T. (1963) “Doğu Marmara Bölgesi Ön Planı”, içinde Yedinci İskân ve Şehircilik Haftası Konferansları, (Türkiye’de Bölge Planlaması Alanındaki Gelişmeler), 53-66.
- Akpınar, İ., 2008; Bugün İçin Geçmiş: Prost Planı’ndan Günümüze, Politik Araç Olarak Kentsel Tasarım, Mimarist Dergisi (Kentsel Tasarım Dosyası), Sayı: 3, Eylül, TMMOB Mimarlar Odası İstanbul Büyükkent Şubesi, s: 61-67.
- Alexander, C., 1987; A New Theory of Urban Design. New York: Oxford University Press.
- Aslanoğlu, R. A., 2000; Kent, Kimlik ve Küreselleşme. Ezgi Kitabevi Yayınları. Bursa.

- Ayda Eraydın (1988), “Sermaye Birikim Sürecinde Kentler”, Defter Dergisi, Haziran-Eylül (5), 133-153.
- Ayda Eraydın (1992), Post Fordizm ve ve Değişen Mekansal Öncelikler, Ankara: ODTÜ Mimarlık Fakültesi.
- Aydemir, S., Aydemir, S., Beyazlı, D., Ökten, N., Öksüz, A., M., Sancar, C., Özyaba, M., Türk, Y., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon.
- Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
- Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
- Baykal, H.T. (1964) “The Çukurova Regional Plan”, içinde Regional Planning, Local Government and Community Development in Turkey - Papers: Eighth Seminar on Housing and Planning, Ankara, 65-79.
- Baykal, T. (1966) “Çukurova Bölge Planı”, Sekizinci İskan ve Şehircilik Haftası Konferansları, AÜ Siyasal Bilgiler Fakültesi: Ankara, 69-82.
- Benevolo, L., 1995; Avrupa Tarihinde Kentler. çev: Nur Nirven, AFA Yayıncılık. İstanbul.
- Beyhan, B. (2001) “Kuramlar ve Dünya Tecrübesi Bağlamında Türkiyenin Yüksek Teknoloji Bölgecikleri Oluşturma Çabası (High-Tech Industrial District Constitution Efforts of Turkey within the Context of Theories and Relevant World Experience)”, METU Studies in Development (ODTÜ Gelişme Dergisi), 28(1-2), 15-82.
- Beyhan, B. (2007) “Yeni Büyüme Kuramı’nın Politika Çıkarımları Üzerine: Yeniliğin Birikimli Özelliği”, Ankara Üniversitesi Siyasal Bilgiler Fakültesi Dergisi, 62(2), 1-35.
- Beyhan, B. (2009), “Üst Ölçek Planların İzlenmesi ve Değerlendirilmesi Üzerine: Kentsel ve Bölgesel Gözlemlerinin Gerekliliği (On the Evaluation and Monitoring of Upper Scale Plans: The Necessity of Urban and Regional Observatories)”, içinde 3. Bölgesel Kalkınma ve Yönetişim Sempozyumu: ‘Planlamadan Uygulamaya’ - Bildiri Kitabı, Matsa Basımevi, 133-203.
- Beyhan, B. (2010) “Kamu Yönetimi ve Bölgesel Planlamada Düzgüsel Bölgelerin Açmazları ve İşlevsel Bölgelerin Tanımlanmasında İzlenebilecek Yöntemler Üzerine (Problems of the Normative Regions in Public Administration and Regional Planning, and the Methods of Delimitation of Functional Regions)”, Çağdaş Yerel Yönetimler, 19(4), 1-29.
- Bilsel, C. ve Arıcan, T., 2008; Eminönü Meydanı ve Çevresi Tarihi Kent Mekânının Başkalaşımı / Kentsel Tasarım Kuramları ve Biçim-Bilim Yöntemleri İle Bir Mekânsal Çözümleme Çalışması, Mimarist Dergisi (Kentsel Tasarım Dosyası), Sayı: 3, Eylül, TMMOB Mimarlar Odası İstanbul Büyükkent Şubesi, s: 83-97.
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- Bradley C., Natalie Y., 2012; Modeling the Environment: Techniques and Tools for the 3D Illustration of Dynamic Landscapes. USA.

- Broadbent, G., 1990; *Emerging Concepts in Urban Space Design*. London and New York: Broadbent; Van Nostrand.
- Carmona, et al., 2003; *Public Places Urban Spaces: The Dimensions of Urban Design*. Oxford: Architectural Press.
- Carmona, M., 2008; *Söylence Haberciliği ya da Gerçek*, *Mimarist Dergisi (Kentsel Tasarım Dosyası)*, Sayı: 3, Eylül, TMMOB Mimarlar Odası İstanbul Büyükkent Şubesi, s: 98-88.
- Clerk, G., Taylor, E.G.R., Harris, G.M., Strauss, H., Cadbury, G.W. and Stamp, D. (1942) “Discussion on the Geographical Aspects of Regional Planning”, *The Geographical Journal*, 99, 61-80.
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- Curran, R. J., 1983; *Architecture and the Urban Experience*. London: Van Nostrand Reinhold.
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- Eisner, Simon, Gallion, Arthur & Eisner, Stanley., 1993; *The Urban Pattern*. 6th Ed. New York: Van Nostrand Reinhold.
- Eraydın, A., (2004) “Bölgesel kalkınma kavram, kuram ve politikalarında yaşanan değişimler”, *Kentsel Ekonomi Araştırmaları Sempozyumu 2003 (KEAS '03)*, Bildiriler, 126-146.
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### **Databases :**

- ABD Patent Ofisi (USPTO)
- ACM Digital Library
- ASTM Standards and Engineering Digital Library
- Academic Search Complete - EBSCOHost
- Acland's Video Atlas of Human Anatomy
- Agricola - ProQuest
- Agriculture Journals - ProQuest
- American Chemical Societ Publications (ACS)
- American Doctoral Dissertations, 1933-1955 - EBSCOHost
- American Institute of Physics (AIP)
- American Society of Civil Engineers (ASCE)
- American Society of Mechanical Engineers (ASME)
- Applied Science&Business Periodicals Retrospective Retro Index - EBSCOHost
- Aquatic Science&Fisheries Abstracts (ASFA)
- Avery Index to Architectural Periodicals - EBSCOHost
- Avrupa Patent Ofisi (EPO)
- BMJ Clinical Evidence
- BioOne Complete
- Business Source Complete - EBSCOHost
- CAB Abstracts (CABI)
- Cambridge Journals Online

- ClinicalKey - ELSEVIER
- Communication Source - EBSCOHost
- DergiPark Akademik
- Directory of Open Access Journals (DOAJ)
- Dissertations&Theses Global - ProQuest
- Dünya Fikri Mülkiyet Teşkilatı (WIPO)
- DynaMed
- ERIC - EBSCOhost
- eBook Academic Collection - EBSCOHost
- Ebrary Academic Complete - ProQuest
- Education Index Retrospective: 1929-1983 (H.W. Wilson) - EBSCOHost
- Education Source - EBSCOHost
- Emerald Insight
- EndNote
- European Views of the Americas: 1493 to 1750 - EBSCOHost
- Food Science and Technology Abstracts (FSTA) - EBSCOHost
- GeoRef - EBSCOHost
- GeoRef In Process - EBSCOHost
- GeoScienceWorld
- GreenFILE - EBSCOHost
- Grove Music Online
- Hiperkitap E-Kitap Koleksiyonu
- Hospital Collection - ProQuest
- Hukuktürk
- IEEE/IET Electronic Library (IEL)
- IHS Standards Expert
- IOPscience - Journals
- İktisat İşletme ve Finans
- Index Islamicus Online
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- Knovel Tam Metin/E-Kitap
- Library, Information Science&Technology Abstracts - EBSCOHost

- Literary Reference Center Plus - EBSCOHost
- MathSciNet
- MEDLINE - EBSCOHost
- Micromedex Healthcare Series
- Mylibrary ebooks
- Nature Journals Online - Open Access
- Newswires - EBSCOHost
- OVID LWW Total Access Collection
- OneMine
- Oxford Bibliographies Online
- Oxford University Press
- PsycARTICLES - EBSCOhost
- Regional Business News - EBSCOHost
- SAE Digital Library
- Safari Books Online
- Sage Journals
- ScienceDirect
- SciFinder Scholar
- Scopus
- SPORTDiscus with Full Text - EBSCOHost
- SpringerLink
- Taylor&Francis Online
- Teacher Reference Center - EBSCOHost
- Thieme Connect
- Türk Patent Enstitüsü (TPE)
- ULAKBIM Ulusal Veritabanları (UVT)
- UpToDate
- Web of Science
- Westlaw Next
- Westlaw UK
- Wiley Online Library Full Collection
- World E-Book Library
- Zentralblatt Math

# **RECOMMENDED PROGRAM INFORMATION PACKAGE**

## **COMPULSORY COURSES**

- 1. Urban Design Studio I
- 2. Urban Design Studio II
- 3. Urban Design Studio III
- 4. History of Urban Development and Development Theories
- 5. Urban Landscape and Protecting Cultural Heritage
- 6. Quality of Urban Life / Urban Economy and Value Creation
- 7. Urban Development / Large Urban Projects and Distinguished Examples of Design

		<b>Urban Design Studio I</b>	<b>ECTS:</b>	
<b>Year/Semester</b>	1nd Year/ First Semester			
<b>Level of the Course</b>	Postgraduate			
<b>Status</b>	Compulsory			
<b>Department</b>	Architecture			
<b>Prerequisites and co-requisites</b>	None			
<b>Mode of Delivery</b>	Face to face			
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week			
<b>Lecturer</b>	-			
<b>Co-Lecturer</b>	-			
<b>Language of instruction</b>	Turkish			
<b>Professional practise (internship )</b>	None			
<b>Objective of the Course</b>				
This course aims to acquire urban design knowledge and skills that can be considered as basic for new students of program.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Develop skills for the analysis of the threats and opportunities that are influencing on complex urban environments, urban development, design and planning	6,9,11,13	5,6	
LO – 2:	Define urban area and urban area components gradually	13,16,17	5,6	
LO – 3:	Gain skills on urban design methods, analyses, techniques	11,12,14	5,6	
LO – 4:	Understand design and urban design processes, to learn about literature and have knowledge about processes	11,12,14	5,6	
LO – 5:	Design habitable settlements at different scales	20,27	5,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
Urban design information, urban design criteria, theoretical principles of urban design, design works on examples of urban models and typology, development of a concept project based on urban model organization principles.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	Discussion of basic theoretical principles in design			
Week 2	Discussion of basic theoretical principles in design			
Week 3	Project analytical surveys and information gathering process			
Week 4	Project analytical surveys and information gathering process			
Week 5	Model and typology examinations			
Week 6	Model and typology examinations			
Week 7	Transferring collected information and documents to written and graphical documents			
Week 8	Transferring collected information and documents to written and graphical documents			
Week 9	Mid-term Exam			

Week 10	Comprehending urban design language	
Week 11	Producing a defined urban urban area concept project	
Week 12	Producing a defined urban urban area concept project	
Week 13	Producing a defined urban urban area concept project	
Week 14	Producing a defined urban urban area concept project	
Week 15	Producing a defined urban urban area concept project	
Week 16	End-of-term Exam	

### Text Book/Material

1	Aydemir, S., Aydemir, S., Beyazlı, D., Ökten, N., Öksüz, A., M., Sancar, C., Özyaba, M., Türk, Y., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon
2	Keleş, R., 1990; Kentleşme Politikası, İmge Kitabevi, Ankara.
3	Alexander, C., 1987; A New Theory of Urban Design. New York: Oxford University Press.
4	Lang, J., 1994; Urban Design: The American Experience. New York: Van Nostrand Reinhold.
5	Ersoy, M., 1994; Kentsel Alan Kullanım Normları, ODTÜ Mimarlık Fakültesi, Ankara.
6	Giritlioğlu, C., 1991; Şehirselsel Mekan Ögeleri ve Tasarımı, İTÜ Mimarlık Fak. Baskı Atölyesi, İstanbul.
7	Broadbent, G., 1990; Emerging Concepts in Urban Space Design. London and New York: Broadbent; Van Nostrand.
8	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
9	Carmona, et al., 2003; Public Places Urban Spaces: The Dimensions of Urban Design. Oxford: Architectural Press.
10	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.

### Recommended Reading

1	
2	

### Method of Assessment

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

### Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

		<b>Urban Design Studio II</b>	<b>ECTS:</b>	
<b>Year/Semester</b>	1nd Year/ Second Semester			
<b>Level of the Course</b>	Postgraduate			
<b>Status</b>	Compulsory			
<b>Department</b>	Architecture			
<b>Prerequisites and co-requisites</b>	None			
<b>Mode of Delivery</b>	Face to face			
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week			
<b>Lecturer</b>	-			
<b>Co-Lecturer</b>	-			
<b>Language of instruction</b>	Turkish			
<b>Professional practise (internship )</b>	None			
<b>Objective of the Course</b>				
The course aims to reveal the plan which is a document of processes about urban planners' designs for the built environment and how the design is to be realized. This course aims the students to acquire the basic theoretical and technical skills of how to prepare the projects for the studies, synthesis of analyzes and the implementation of the plans.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Develop skills for the analysis of the threats and opportunities that are influencing on complex urban environments, urban development, design and planning	6,9,11,13	5,6	
LO – 2:	Comprehend urban design processes and planning types (structural planning, master plan etc.) for how urban design will be realized	13,16,17	5,6	
LO – 3:	Gain skills on urban design methods, analysis, techniques	11,12,14	5,6	
LO – 4:	Learn literature and have knowledge about urban design processes	11,12,14	5,6	
LO – 5:	Understand design and urban design processes	20,27	5,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
Design, spatial analysis and visualization techniques for the constructed environment, analytical thinking system in planning, geographical information systems (GIS) and visual expression techniques, usage of demographic, social, cultural, economic factors providing a basis for planning, evaluation of public and private enterprise tendencies.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	Questioning the relationship between design and built environment			
Week 2	Examining the relationship between design and planning			
Week 3	Constructing Research-Analysis-Synthesis relationship			
Week 4	Spatial analysis and display techniques			
Week 5	Spatial analysis and display techniques			
Week 6	Geographic Information Systems (GIS) techniques			
Week 7	Geographic Information Systems (GIS) techniques			

Week 8	Learning about the city of Trabzon (demographic, social, cultural, economic etc)	
Week 9	Mid-term Exam	
Week 10	Producing a defined urban area project	
Week 11	Producing a defined urban area project	
Week 12	Producing a defined urban area project	
Week 13	Producing a defined urban area project	
Week 14	Producing a defined urban area project	
Week 15	Producing a defined urban area project	
Week 16	End-of-term Exam	

#### Text Book/Material

1	Aydemir, S., Aydemir, S., Beyazlı, D., Ökten, N., Öksüz, A., M., Sancar, C., Özyaba, M., Türk, Y., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon
2	Keleş, R., 1990; Kentleşme Politikası, İmge Kitabevi, Ankara.
3	Alexander, C., 1987; A New Theory of Urban Design. New York: Oxford University Press.
4	Lang, J., 1994; Urban Design: The American Experience. New York: Van Nostrand Reinhold.
5	Ersoy, M., 1994; Kentsel Alan Kullanım Normları, ODTÜ Mimarlık Fakültesi, Ankara.
6	Giritlioğlu, C., 1991; Şehirselsel Mekan Ögeleri ve Tasarımı, İTÜ Mimarlık Fak. Baskı Atölyesi, İstanbul.
7	Broadbent, G., 1990; Emerging Concepts in Urban Space Design. London and New York: Broadbent; Van Nostrand.
8	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
9	Carmona, et al., 2003; Public Places Urban Spaces: The Dimensions of Urban Design. Oxford: Architectural Press.
10	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.

#### Recommended Reading

1	
2	

#### Method of Assessment

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

#### Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

		<b>Urban Design Studio III</b>	<b>ECTS:</b>	
<b>Year/Semester</b>	1nd Year/ Third Semester			
<b>Level of the Course</b>	Postgraduate			
<b>Status</b>	Compulsory			
<b>Department</b>	Architecture			
<b>Prerequisites and co-requisites</b>	None			
<b>Mode of Delivery</b>	Face to face			
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week			
<b>Lecturer</b>	-			
<b>Co-Lecturer</b>	-			
<b>Language of instruction</b>	Turkish			
<b>Professional practise (internship)</b>	None			
<b>Objective of the Course</b>				
The course aims to introduce contemporary urban design ideas, strategies and technical skills and to develop the designer's predictive abilities about complex urban forms and systems.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Develop skills for the analysis of the threats and opportunities that are influencing on complex urban environments, urban development, design and planning	6,9,11,13	5,6	
LO – 2:	Comprehend urban design processes and planning types (structural planning, master plan etc.) for how urban design will be realized	13,16,17	5,6	
LO – 3:	Gain skills on urban design methods, analysis, techniques	11,12,14	5,6	
LO – 4:	Learn about literature and have knowledge on urban design processes	11,12,14	5,6	
LO – 5:	Understand design and urban design processes	20,27	5,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
Introduction to today's ideas, strategies and technical skills in urban design, metropolitan systems, new forms/formations in world cities and definitions of experimental urban identities, spatial applications and hypothesis recommendations towards solution of design problems, improving visual values and methods of creation for 3-dimensional space compositions.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	Questioning the relationship between design and built environment			
Week 2	Examining the relationship between design and planning			
Week 3	Constructing Research-Analysis-Synthesis relationship			
Week 4	Learning about the World cities			
Week 5	Form, shaping and identity relationship			
Week 6	Urban design and identity			
Week 7	Constructing urban design identity and place relationship			
Week 8	Analyzing samples from world cities at different scales (demographic, social, cultural, economic, etc.)			

Week 9	Mid-term Exam	
Week 10	Producing a project on a defined urban area	
Week 11	Producing a project on a defined urban area	
Week 12	Producing a project on a defined urban area	
Week 13	Producing a project on a defined urban area	
Week 14	Producing a project on a defined urban area	
Week 15	Producing a project on a defined urban area	
Week 16	End-of-term Exam	

#### **Text Book/Material**

1	Aydemir, S., Aydemir, S., Beyazlı, D., Ökten, N., Öksüz, A., M., Sancar, C., Özyaba, M., Türk, Y., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon
2	Keleş, R., 1990; Kentleşme Politikası, İmge Kitabevi, Ankara.
3	Alexander, C., 1987; A New Theory of Urban Design. New York: Oxford University Press.
4	Lang, J., 1994; Urban Design: The American Experience. New York: Van Nostrand Reinhold.
5	Ersoy, M., 1994; Kentsel Alan Kullanım Normları, ODTÜ Mimarlık Fakültesi, Ankara.
6	Giritlioğlu, C., 1991; Şehirselsel Mekan Ögeleri ve Tasarımı, İTÜ Mimarlık Fak. Baskı Atölyesi, İstanbul.
7	Broadbent, G., 1990; Emerging Concepts in Urban Space Design. London and New York: Broadbent; Van Nostrand.
8	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
9	Carmona, et al., 2003; Public Places Urban Spaces: The Dimensions of Urban Design. Oxford: Architectural Press.
10	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.

#### **Recommended Reading**

1	
2	

#### **Method of Assessment**

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

#### **Student Work Load and its Distribution**

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

	<b>History of Urban Development and Development Theories</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Compulsory		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
This course which is based on examples from international literature in terms of the establishment of the past-future relations of cities, aims to examine the development process of cities from the first civilizations to the present through various cities and urban design project examples with a historical perspective related to social, economic technological and political contexts and theoretical discussions (political, decision, land, spatial paradigms).			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Advance the design skills gained in undergraduate education	9,11,12,13	3,5,6
LO – 2:	Have detailed knowledge about urban development and urban history.	1,2,4,11,20	3,5,6
LO – 3:	Know about examples from international literature.	1,4,6	3,5,6
LO – 4:	Understand relation between urban and globalization	8,17,19,22	3,5,6
LO – 5:	Examine urban development from a social and economic point of view	1,2,7,10,27	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Establishment process of concepts of urban and urbanization, urban forms and historical context, urban development principles, urban forms and their processes of formation, social, economic, political and technological contexts in urban development, theoretical discussions on land-spatial paradigms, policies, etc. via examples of cities, suggestions on development-formation of cities in the future.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Urban history		
Week 2	Discussing urban theory		
Week 3	Discussing urban theory		
Week 4	Introducing urban development principles		
Week 5	Knowing international urban development literature		
Week 6	Knowing international urban development literature		
Week 7	Examining examples of international design projects		

Week 8	Examining examples of international design projects	
Week 9	Mid-term Exam	
Week 10	Understanding urban development in relation to design and urban	
Week 11	Understanding urban development in relation to design and urban	
Week 12	Relationship between sample cities and urban design	
Week 13	Relationship between sample cities and urban design	
Week 14	Relationship between sample cities and urban design	
Week 15	Relationship between sample cities and urban design	
Week 16	End-of-term Exam	

#### **Text Book/Material**

1	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.
2	Cullen, G., 1971; The Concise Townscape. New York: Van Nostrand Reinhold.
3	Gosling, D., 1990; Concepts of Urban Design. London: St. Martin 's Press; Academy Editions.
4	Spreiregen, Paul D., 1965; The Architecture of Towns and Cities. New York: McGraw-Hill.
5	Rossi, A., 1981; The Architecture of the City. Cambridge Mass: MIT Press.

#### **Recommended Reading**

1	
2	

#### **Method of Assessment**

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

#### **Student Work Load and its Distribution**

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

	<b>Urban Landscape and Protecting Cultural Heritage</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Spring Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Compulsory		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
The aim of the course is to convey the necessary things to be done in the design of the urban spaces which constitute the modern urban image and which will respond to the needs and desires of the people, taking into account the values produced by the successive and living cultures of the urban heritage.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Understand urban and landscape relationship	2,4,8,17	3,5,6
LO – 2:	Know literature about urban landscape	1,4,6,16	3,5,6
LO – 3:	Construct the relationship between urban landscape and heritage	21,24	3,5,6
LO – 4:	Have knowledge about the relationship between urban designer and user	4,8,26	3,5,6
LO – 5:	Know interdisciplinary approaches in urban landscape	14,15,22	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Concepts of urban and cultural heritage, urban landscape and planning, urban landscape and heritage, city as a cultural asset, modern city image, designing qualified urban spaces, designing streets and public spaces.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Urban design and use		
Week 2	Principles of urban space design		
Week 3	Urban landscape and planning		
Week 4	Concepts of Urban and Cultural Heritage, Prevention, Protection		
Week 5	Urban landscape and heritage		
Week 6	Seminar-1		
Week 7	Seminar-2		
Week 8	Seminar-3		
Week 9	Mid-term Exam		
Week 10	Seminar-4		

Week 11	Seminar-5			
Week 12	Seminar-6			
Week 13	Seminar-7			
Week 14	Seminar-8			
Week 15	Seminar-9			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Grant, W., 1993; From Concept to Form: In Landscape Design. Wiley.			
2	Krier, R., 1984; Urban Space. London: Academy Editions.			
3	Hans-Dieter Dyroff (Ed.) (1980): Protection and Cultural Animation of Monuments, Sites and Historic Towns in Europe, German Commission for UNESCO, Bonn.			
4	Curran, R. J., 1983; Architecture and the Urban Experience. London: Van Nostrand Reinhold.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

	<b>Quality of Urban Life / Urban Economy and Value Creation</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Spring Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Compulsory		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
The aim of this course to consider the evolution of the worldview / value systems that can be handled in a quantitative or qualitative plane and to examine the individual-mass value / evaluation situation.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Evaluate quantitative and qualitative observations	9,13,19	3,5,6
LO – 2:	Think about the concepts of urban life quality, economy and value in the context of urban design	10,17,27	3,5,6
LO – 3:	Construct urban value hierarchy and design relation	10,21,22	3,5,6
LO – 4:	Comprehend the urban value process critically and analytically	8,10,11,20	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Approaches on the relationship of society, culture and environment, concept of quality of urban life and its components, basic economic structure analyses in cities and space selection theory, economics in formation of usage of urban land, value in the physical environment, establishment and distribution of value, measuring value regarding urban land and property, urban land market, value increase process.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Terminological introduction		
Week 2	Introducing concepts (justice, economy, ownership, etc.)		
Week 3	Approach to society, culture and environment relation		
Week 4	Quantitative and qualitative observation samples		
Week 5	Identification of critical and analytical methods		
Week 6	Discuss method and process relation		
Week 7	Hierarchy of values and quality of life in urban design		
Week 8	Hierarchy of values and quality of life in urban design		
Week 9	Mid-term Exam		
Week 10	Environmental psychology		
Week 11	Environmental psychology		

Week 12	Seminar-1			
Week 13	Seminar-2			
Week 14	Seminar-3			
Week 15	Seminar-4			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Rykwert, J., 1976; The Idea of a Town. London: Faber and Faber.			
2	Kostof, S., 1991; City Shaped. London: Thames and Hudson.			
3	Gosling, D., 1984; "Definitions of Urban Design." Architectural Design Profiles: Urbanism. Vol. 56.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

	<b>Urban Development / Large Urban Projects and Distinguished Examples of Design</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Compulsory		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
The aim of the course is to introduce major urban projects and examples of distinguished design, to discuss urban history, form and landscape formations.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Have knowledge about urban formations and urban design	2,6,7,9	5
LO – 2:	Have comprehensive knowledge of world literature	1,16	5
LO – 3:	Think about urban design at different scales	17	5
LO – 4:	Know the ideas and techniques used in urban design	6,8,11,13,18	5
LO – 5:	Gainability to study interdisciplinary	14,22	5
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Concept of urban development, discussions on urban history, form and landscape formations via design cases, ideas and techniques used in urban design in terms of perspectives of different disciplines, architecture-landscape architecture-civil engineering-arts workshop.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Urban development and design relationship		
Week 2	Discussing urban design examples		
Week 3	Questioning urban history, form, landscape concepts		
Week 4	Presentation-1: examples of urban design in the world		
Week 5	Presentation-2: examples of urban design in the world		
Week 6	Presentation-3: examples of urban design in the world		
Week 7	Presentation-4: examples of urban design in the world		
Week 8	Presentation-5: examples of urban design in the world		
Week 9	Mid-term Exam		
Week 10	Workshop: Architecture		
Week 11	Workshop: Landscape Architecture		
Week 12	Workshop: Planning		
Week 13	Workshop: Civil Engineering		
Week 14	Workshop: Art		

Week 15	Workshop: Art			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Bacon, N. E., 1982; Design of Cities. London: Thames and Hudson.			
2	Lynch, K., 1981; A Theory of Good City Form. Cambridge, Mass.: MIT Press.			
3	Madanipour, A., 1996; Design of Urban Space: An Inquiry into a Socio-Spatial Process. New York: John Wiley & Sons.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

# **RECOMMENDED PROGRAM INFORMATION PACKAGE**

## **ELEVATIVE COURSES**

1. Architecture, Identity and the City
2. Computer Applications in Urban Design
3. Sustainable Development and Urban Environment
4. Analysis and Design in Urban Design
5. Planning and Urban Design
6. Urban Design Application
7. Urban Form and Design
8. Urban Form Analysis
9. Role of Design in Urban Economic Development
10. Real Estate and Finance Principles

	<b>Architecture, Identity and the City</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1st Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship )</b>	None		
<b>Objective of the Course</b>			
The aim of this course, provide to develop the relationship between architecture and city, to interrogate in urbansclae and to develop the intellectual skill of the studenst.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Define the relationship between the concept of architecture and identity	2,26	3,5,6
LO – 2:	Think about architecture and identity in urban scale	2,7,17,26	3,5,6
LO – 3:	Analyze the relationship between architecture, identity and participant trio	17,23,26	3,5,6
LO – 4:	Question the relationship between aesthetics, structure and functionality	5,7,16	3,5,6
LO – 5:	Bring the role of architecture back to the agenda	2,7,17,26	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Relationship between identity and form, relationship between identity and the city, defining perception of cultural structure and identity in different periods, Turkish cities, world cities, aesthetics-structure-functionality, representation in architecture, structure and city reading applications, culture in the framework of the concept of identity, discussion on space interaction on an urban level.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Identity and identity in architecture		
Week 2	Identity and form relation		
Week 3	Identity and city relationship		
Week 4	Examples of Turkish cities		
Week 5	Examples of world cities		
Week 6	Aesthetics, structure and functionality		
Week 7	Representation in architecture		
Week 8	Types of building and urban reading / analysis		
Week 9	Mid-term Exam		
Week 10	Building and urban reading practices		
Week 11	Building and urban reading practices		

Week 12	Building and urban reading practices			
Week 13	Building and urban reading practices			
Week 14	Building and urban reading practices			
Week 15	Building and urban reading practices			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Lynch, K., 1988; The Image of the City. Cambridge. Mass.: MIT Press.			
2	Eisner, Simon, Gallion, Arthur & Eisner, Stanley., 1993; The Urban Pattern. 6th Ed. New York: Van Nostrand Reinhold.			
3	Lynch, K., 1981; A Theory of Good City Form. Cambridge, Mass.: MIT Press.			
4	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.			
5	Benevolo, L., 1995; Avrupa Tarihinde Kentler. çev: Nur Nirven, AFA Yayıncılık. İstanbul.			
6	Aslanoğlu, R. A., 2000; Kent, Kimlik ve Küreselleşme. Ezgi Kitabevi Yayınları. Bursa.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

		<b>Computer Applications in Urban Design</b>	<b>ECTS:</b>	
<b>Year/Semester</b>	1st Year/ Spring Semester			
<b>Level of the Course</b>	Postgraduate			
<b>Status</b>	Elective			
<b>Department</b>	Architecture			
<b>Prerequisites and co-requisites</b>	None			
<b>Mode of Delivery</b>	Face to face			
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week			
<b>Lecturer</b>	-			
<b>Co-Lecturer</b>	-			
<b>Language of instruction</b>	Turkish			
<b>Professional practise (internship)</b>	None			
<b>Objective of the Course</b>				
It is aimed to create infrastructure for the preparation of databases through the introduction/application of various software and programs.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Learn about presentation and graphic language	6,19	4,6	
LO – 2:	Comprehend presentation techniques in urban design	13,18,29,30	4,6	
LO – 3:	Integrate urban design and computer aided programs	13,18,19,29,30	4,6	
LO – 4:	Use the existing software at basic level	13,18,29,30	4,6	
LO – 5:	Prepare the infrastructure for advanced software and computer applications	13,18,29,30	4,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
Presentation techniques, language of graphical expression and preparation techniques in urban design, introduction of computer applications, usage of programs on a basic level, presentation and practice.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	Presentation technics in urban design			
Week 2	Graphical expression language in urban design			
Week 3	Preparing the database in urban design			
Week 4	Computer software introductions			
Week 5	Basic usage of programs			
Week 6	Basic usage of programs			
Week 7	Basic usage of programs			
Week 8	Basic usage of programs			
Week 9	Mid-term Exam			
Week 10	Presentation application-1			
Week 11	Presentation application-2			
Week 12	Presentation application-3			
Week 13	Presentation application-4			
Week 14	Presentation application-5			

Week 15	Presentation application-6			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Frey, D., McFarland, J., 2008; AutoCAD 2008 ve AutoCAD LT 2008. Alfa Yayınları. İstanbul.			
2	Simon G., 2011; ArchiCAD for AutoCAD Users. USA.			
3	Bradley C., Natalie Y., 2012; Modeling the Environment: Techniques and Tools for the 3D Illustration of Dynamic Landscapes. USA.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				

	<b>Sustainable Development and Urban Environment</b>		<b>ECTS:</b>
<b>Year/Semester</b>	2nd Year/ Spring Semester		
<b>Level of the Course</b>	First Cycle		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
The aim of the course which is targeting to give knowledge of urban environment and urban design through the concept of sustainability is to be able to think about sustainable development in architecture and urban scale.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Think and question the concept of sustainability	1,4,10,26	3,5,6
LO – 2:	Examine sustainable development in detail	1,4,10,26	3,5,6
LO – 3:	Read sustainability through multi-dimensional thinking styles	1,4,10,26	3,5,6
LO – 4:	Discuss sustainable architecture and city examples	1,4,10,26	3,5,6
LO – 5:	Establish the relationship between sustainability and urban design	1,4,10,26	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Basis of philosophy of sustainability, thought systems, sustainable nutrition production and consumption, sustainable trade activities, social and environmental problems management and economy, sustainable society attempts, sustainable architecture and cities, relation of ecology and principles of economy and ‘equality’/ ‘conscientious’.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Introduction to Sustainability		
Week 2	Theoretical background of sustainability		
Week 3	Sustainable development (food production and consumption, trade activities)		
Week 4	Sustainable development (management of social, economic and environmental problems)		
Week 5	Sustainable development (community initiatives)		
Week 6	Sustainability and architecture		
Week 7	Sustainable architecture and cities		
Week 8	Sustainability and urban design		
Week 9	Mid-term Exam		

Week 10	Seminar-1			
Week 11	Seminar-2			
Week 12	Seminar-3			
Week 13	Seminar-4			
Week 14	Seminar-5			
Week 15	Seminar-6			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Broadbent, G., 1990; Emerging Concepts in Urban Space Design. New York: Van Nostrand Reinhold.			
2	Sev, A., 2009; Sürdürülebilir Mimarlık, YEM Yayınevi, İstanbul			
3	Kbiert, C. J., 2007; Sustainable Construction: Green Building Design and Delivery.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

	<b>Analysis and Design in Urban Design</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship )</b>	None		
<b>Objective of the Course</b>			
Introducing urban design through analysis of discussion and design examples is aimed.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Investigate the subject of analysis in urban design	8,16,17	3,5,6
LO – 2:	Ensure to introduce urban design Kentsel tasarımın tanıtılmasını sağlamak	3,4,6,14	3,5,6
LO – 3:	Have knowledge on urban fabric	2,26,28	3,5,6
LO – 4:	Think about human and environment relation in urban design	3,10	3,5,6
LO – 5:	Have information about urban identity and image	2,9,20,28	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Elements of urban texture, analysis of urban texture and urban texture types (organic, inorganic settlement, etc.), changes in urban textures through the city's historical development process, interactions of humans and the environment, analysis of concepts of perception, symbolism, public spaces, urban form characteristics, urban morphology, urban typology, urban identity and image, redirection, incorporation, separation, organization, diversity and difference within urban texture.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Analysis techniques in urban design		
Week 2	Elements that make up the urban fabric		
Week 3	Examination of urban fabric samples in national and international literature		
Week 4	Urban fabric analysis and types of urban settlements		
Week 5	Impressions on urban fabric change in historical process		
Week 6	Human-environment interaction, percept and perception		
Week 7	Urban and public spaces		
Week 8	Urban morphology and typology		
Week 9	Mid-term Exam		
Week 10	Urban identity and urban image		
Week 11	Urban identity and urban image		
Week 12	Concept evaluations through urban fabric examples		

Week 13	Concept evaluations through urban fabric examples			
Week 14	Concept evaluations through urban fabric examples			
Week 15	Concept evaluations through urban fabric examples			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Lynch, K., 1988; The Image of the City. Cambridge. Mass.: MIT Press.			
2	Eisner, Simon, Gallion, Arthur & Eisner, Stanley., 1993; The Urban Pattern. 6 <sup>th</sup> Ed. New York: Van Nostrand Reinhold.			
3	Krier, R., 1984; Urban Space. London: Academy Editions.			
4	Lang, J., 1994; Urban Design: The American Experience. New York: Van Nostrand Reinhold.			
5	Ersoy, M., 1994; Kentsel Alan Kullanım Normları. ODTÜ Mimarlık Fakültesi Ankara.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

	<b>Planning and Urban Design</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship )</b>	None		
<b>Objective of the Course</b>			
The physical dimensions of planning and approaches, techniques and tools used in the spatial and scale formation of the built environment is aimed to be introduced in this course.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Discuss the physical dimensions of planning	3,4,7,9	3,5,6
LO – 2:	Know the approaches and techniques used in the formatting of the built environment	6,19,30	3,5,6
LO – 3:	Have knowledge about city morphology	1,2,8,9	3,5,6
LO – 4:	Provide supportive information to urban design studios	2,6,7,8,12,13,14	3,5,6
LO – 5:	Contribute to spatial analysis and formal characterization	7,9,16,17,20	3,5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Physical dimensions of planning, approaches, techniques and tools used in formation of the constructed environment in terms of space and scale, concept of urban morphology, relationships of different region and land usage in the constructed environment, pedestrian transportation networks and different open space applications, residential area studies, spatial analysis in terms of road structures, structure islands, building morphology, open space networks and typology.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Physical dimensions of urban planning		
Week 2	Approaches used in the formation of built environment		
Week 3	Techniques and tools used in the form of built environment		
Week 4	Approach to urban morphology		
Week 5	Region and area usage relationships in the built environment		
Week 6	Pedestrian access networks in the built environment		
Week 7	Outdoor applications in built environment		
Week 8	Survey of settlements (neighborhood level)		
Week 9	Mid-term Exam		

Week 10	Street structure, urban blocks, building morphology applications			
Week 11	Street structure, urban blocks, building morphology applications			
Week 12	Outdoor networks and typology applications			
Week 13	Outdoor networks and typology applications			
Week 14	Spatial analysis and formal character applications			
Week 15	Spatial analysis and formal character applications			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Lang, J., 1994; Urban Design: The American Experience. New York: Van Nostrand Reinhold.			
2	Lynch, K., 1988; The Image of the City. Cambridge. Mass.: MIT Press.			
3	Eisner, Simon, Gallion, Arthur & Eisner, Stanley., 1993; The Urban Pattern. 6 <sup>th</sup> Ed. New York: Van Nostrand Reinhold.			
4	Ersoy, M., 1994; Kentsel Alan Kullanım Normları. ODTÜ Mimarlık Fakültesi. Ankara.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

		<b>Urban Design Application</b>	<b>ECTS:</b>
<b>Year/Semester</b>	1st Year/ Spring Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
This course which is about the applications that take place at the intersection of architecture and urban planning aims to discuss the problems of preferring purely architectural or purely planning designs.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Question the interdisciplinary relationship between architecture and urban planning	10,14,22	5,6
LO – 2:	Gain practical design development skills	15,16,17,21	5,6
LO – 3:	Support contemporary applications about urban design	16,27,30	5,6
LO – 4:	Discuss urban planning and architectural practices by comparison	9,16	5,6
LO – 5:	Question the interdisciplinary context between the private sector and the public sector	22,27,28	5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Contemporary waves and urban design agenda, form-function relationship in historical context, form and silhouette analysis of urban spaces, urban structuring and density relationship, urban structuring conditions and aesthetics relationship, urban infrastructure-aesthetics-public relationship, private sector in the intersection of architecture and planning, public sector in the intersection of architecture and planning.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Contemporary Trends and Urban Design Agenda		
Week 2	Focus on form-function relation in historical process		
Week 3	Design Exercise 1: urban space form and silhouette analysis		
Week 4	Design Exercise 1: urban space form and silhouette analysis		
Week 5	Design Exercise 1: urban space form and silhouette analysis		
Week 6	Relation between urban settlement and density		

Week 7	Design Exercise 2: Relation between urban settlement conditions and aesthetics			
Week 8	Design Exercise 2: Relation between urban settlement conditions and aesthetics			
Week 9	Mid-term Exam			
Week 10	Urban Infrastructure - Esthetics - Public Space Value Relationship			
Week 11	Urban Infrastructure - Esthetics - Public Space Value Relationship			
Week 12	Private sector at the intersection of architecture and planning			
Week 13	Public sector at the intersection of architecture and planning			
Week 14	Design Exercise 3: private-public sector relationship			
Week 15	Design Exercise 3: private-public sector relationship			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Alexander, C., 1987; A New Theory of Urban Design. New York: Oxford University Press.			
2	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.			
3	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.			
4	Giritlioğlu, C., 1991; Şehirselsel Mekan Ögeleri ve Tasarımı, İTÜ Mimarlık Fak. Baskı Atölyesi, İstanbul.			
5	Aydemir, S., Aydemir, S., Beyazlı, D., Ökten, N., Öksüz, A., M., Sancar, C., Özyaba, M., Türk, Y., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

	<b>Urban Form and Design</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1st Year/ Spring Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
To define multidimensional and multi-actor forms between urban forms and design which is open to different definitions and perceptions.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Understand current issues related to urban design	14,20,23	5,6
LO – 2:	Analyze the urban form and its shaping	2,9,10,16	5,6
LO – 3:	Explain the importance of urban design and clarify on future problems	20,23,28	5,6
LO – 4:	Know the unique features and qualities of the space and place	7,9,20,26	5,6
LO – 5:	Think about the relationship between urban form and design at different scales	13,14,16,17	5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Roots of urban design (19-20th centuries), theory of urban form, urban form and urban design, morphological-social-perceptual-visual-functional dimensions of urban design, formation of the urban form.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Understanding urban design		
Week 2	The origins of urban design: the nineteenth century		
Week 3	The origins of urban design: the twentieth century		
Week 4	Urban Form and Urban Design		
Week 5	Urban Form Theory		
Week 6	Morphological dimensions of urban design		
Week 7	Social dimensions of urban design		
Week 8	Perceptual and visual dimensions of urban design		
Week 9	Mid-term Exam		
Week 10	Functional dimensions of urban design		
Week 11	Urban form shaping: applications		
Week 12	Urban form shaping: applications		
Week 13	Urban form shaping: applications		

Week 14	Urban form shaping: applications			
Week 15	Urban form shaping: applications			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.			
2	Carmona M., and Tiesdell, S., 2007; Urban design reader. Architectural Press. Amsterdam, Boston.			
3	Günay, B., 1999; Urban Design is A Public Policy. Metu Faculty Of Architecture Press. Ankara.			
4	Gindroz, R., and Levine, K., 2003; The Urban Design Handbook.			
5	Lang, J., 2005; Urban design : a typology of procedures and products. Elsevier/Architectural Press. Oxford, Burlington, MA.			
6	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

		<b>Urban Form Analysis</b>	<b>ECTS:</b>	
<b>Year/Semester</b>	1st Year/ Spring Semester			
<b>Level of the Course</b>	Postgraduate			
<b>Status</b>	Elective			
<b>Department</b>	Architecture			
<b>Prerequisites and co-requisites</b>	None			
<b>Mode of Delivery</b>	Face to face			
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week			
<b>Lecturer</b>	-			
<b>Co-Lecturer</b>	-			
<b>Language of instruction</b>	Turkish			
<b>Professional practise (internship )</b>	None			
<b>Objective of the Course</b>				
It is aimed to examine the forms of contemporary cities in this course where contemporary problems in urban design will be discussed.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Develop knowledge about the bases, principles and aims of urban design	1,5,11	5,6	
LO – 2:	Develop an interdisciplinary approach that will include social, economic and political aspects of urban design	3,4,10	5,6	
LO – 3:	Understand urban development and change process	20,23,28	5,6	
LO – 4:	Provide creative solutions for urban design projects	6,13,17	5,6	
LO – 5:	Understand contemporary cities and formation processes	14,20,23	5,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
City development in historical context, urban form and its urban design, factors influential in design of contemporary cities, urban methods of analysis, urban structure (movement, usage, density, landscape, structure islands, plots), urban change/development process, city analyses and examples.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	Urban development in historical process			
Week 2	Urban form and urban design			
Week 3	Urban analysis methods			
Week 4	Urban analysis methods			
Week 5	Urban analysis methods			
Week 6	Understanding urban construction: Movement, usage, density, landscape, blocks, parcels			
Week 7	Understanding urban construction: Movement, usage, density, landscape, blocks, parcels			
Week 8	Understanding urban construction: Movement, usage, density, landscape, blocks, parcels			
Week 9	Mid-term Exam			
Week 10	Urban analysis methods			

Week 11	City reviews -1			
Week 12	City reviews -2			
Week 13	City reviews -3			
Week 14	City reviews -4			
Week 15	City reviews -5			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Bacon, E., 1976; Design of Cities. London: Thames and Hudson.			
2	Moughtin, C., 2003; Urban design: method and techniques. Oxford, Boston. Architectural Press.			
3	Lang, J., 2005; Urban design : a typology of procedures and products. Elsevier/Architectural Press. Oxford, Burlington, MA.			
4	Bilsel, F. C., 2001; "Kentsel Tasarımda Kuram ve Uygulama", Mimarlık, TMMOB Mimarlar Odası Süreli Yayını, sayı 302, Aralık, s.41.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				

		<b>Role of Design in Urban Economic Development</b>	<b>ECTS:</b>	
<b>Year/Semester</b>		1st Year/ Spring Semester		
<b>Level of the Course</b>		Postgraduate		
<b>Status</b>		Elective		
<b>Department</b>		Architecture		
<b>Prerequisites and co-requisites</b>		None		
<b>Mode of Delivery</b>		Face to face		
<b>Contact hours</b>		16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>		-		
<b>Co-Lecturer</b>		-		
<b>Language of instruction</b>		Turkish		
<b>Professional practise (internship)</b>		None		
<b>Objective of the Course</b>				
In the course, it is aimed to understand the impact of urban design quality on real estate value and economic development.				
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>	
Upon successful completion of the course, the students will be able to :				
LO – 1:	Understand the impact of urban space in the economic development of cities	7,12,17,27	5,6	
LO – 2:	Develop the ability of analysis and synthesis in urban design process	8,13,14,26	5,6	
LO – 3:	Construct urban economic development and design relation	4,10,27	5,6	
LO – 4:	Understand urban economic decisions and design relations	4,7,10,14	5,6	
LO – 5:	Examine the effects of economic assumptions on design decisions on an international scale	27,28	5,6	
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome				
<b>Content of the Course</b>				
Basic principles of urban design, place selection principles and factors in urban spaces, urban development functions and the concept of centralization, grading spaces in urban design, urban design standards, spatial reflections of the effects of globalization and economics, physical design for different urban spaces (resident, commercial space, etc.), management of the design process between the urban designer and the private-public entrepreneur, economic specialization in historical city centers.				
<b>Course Syllabus</b>				
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>		
Week 1	General definitions in urban design and urban design in historical process			
Week 2	Economic specialization in historical city centers			
Week 3	Survey principles and factors in urban areas			
Week 4	Analyses of survey principles and factors in urban areas			
Week 5	Urban development functions and the concept of centralization			
Week 6	Scaling areas in urban design			

Week 7	Standards for urban design	
Week 8	Physical design for commercial areas	
Week 9	Mid-term Exam	
Week 10	Supply chain	
Week 11	Logistics	
Week 12	Spatial reflections of globalization and economic effects: Examples	
Week 13	Spatial reflections of globalization and economic effects: Examples	
Week 14	Spatial reflections of globalization and economic effects: Examples	
Week 15	Spatial reflections of globalization and economic effects: Examples	
Week 16	End-of-term Exam	

### Text Book/Material

1	Hoover, E. M., and Giarratani, F., 1984; An Introduction to Regional Economics. Alfred A. Knopf, inc. (Borzo Books). New York. P. 243-247.
2	Geddes, P., 1915; Chapter 2. in Cities in Evolution: An Introduction to the Town Planning Movement and to the Study of Civics. London: Williams and Norgate. p. 25-45.
3	Ertürk, H., 2009; Kent Ekonomisi. Bursa: Ekin Yayınevi.
4	Hall, P.G., 2007; Cities of tomorrow: an intellectual history of urban planning and design in twentieth century. Blackwell Publishing.
5	Frank, J. E., 1989; The Cost of Alternative Development Patterns. Washington D.C., ULI- the Urban Land Institute.
6	Cypher, J. M., and Dietz, J. L., 1997; The Process of Economic Development. London: Routledge.

### Recommended Reading

1	
2	

### Method of Assessment

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

### Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

	<b>Real Estate and Finance Principles</b>		<b>ECTS:</b>
<b>Year/Semester</b>	1nd Year/ Fall Semester		
<b>Level of the Course</b>	Postgraduate		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship )</b>	None		
<b>Objective of the Course</b>			
It is aimed to question the international financial market and real estate values in the urban design dimension and to examine the role of economic forces in design.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Know about the definition and functioning of international financial markets	21,23,25	5,6
LO – 2:	Learn about the financial instruments used, the parties in financial markets	21,23,25	5,6
LO – 3:	Know about international financial transactions	21,23,25	5,6
LO – 4:	Have knowledge about international financial institutions	21,23,25	5,6
LO – 5:	Learn about the risks that may arise in international financial markets	21,23,25	5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Terminological introduction		
Week 2	Introduction to real estate and finance principles		
Week 3	International money markets		
Week 4	International bond markets		
Week 5	International stock market		
Week 6	International portfolio management		
Week 7	International Capital Budgeting		
Week 8	International Capital Budgeting		

Week 9	Mid-term Exam	
Week 10	International business capital management and financing of foreign trade	
Week 11	Discussions involving structures used in real estate investments	
Week 12	Real estate investment options	
Week 13	Evaluation of economic forces in urban design	
Week 14		
Week 15		
Week 16	End-of-term Exam	

### Text Book/Material

1	
2	
3	
4	
5	
6	

### Recommended Reading

1	
2	

### Method of Assessment

Type of Assessment	Week	Date	Duration (hours)	Weight (%)
Mid-term Exam				50
End-of-term Exam				50

### Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Lectures (face to face teaching)			
Own (personal) studies outside class			
Own study for first mid-term exam			
Mid-term exam			
Own study for final exam			
End-of-term exam			
<b>Total work load</b>			

	<b>Real Estate and Finance Principles</b>		<b>ECTS:</b>
<b>Year/Semester</b>	2nd Year/ Spring Semester		
<b>Level of the Course</b>	First Cycle		
<b>Status</b>	Elective		
<b>Department</b>	Architecture		
<b>Prerequisites and co-requisites</b>	None		
<b>Mode of Delivery</b>	Face to face		
<b>Contact hours</b>	16 weeks, 2 hours of lectures per week		
<b>Lecturer</b>	-		
<b>Co-Lecturer</b>	-		
<b>Language of instruction</b>	Turkish		
<b>Professional practise (internship)</b>	None		
<b>Objective of the Course</b>			
It is aimed to question the international financial market and real estate values in the urban design dimension and to examine the role of economic forces in design.			
<b>Learning Outcomes</b>		<b>CTPO</b>	<b>TOA</b>
Upon successful completion of the course, the students will be able to :			
LO – 1:	Know about the definition and functioning of international financial markets	21,23,25	5,6
LO – 2:	Learn about the financial instruments used, the parties in financial markets	21,23,25	5,6
LO – 3:	Know about international financial transactions	21,23,25	5,6
LO – 4:	Have knowledge about international financial institutions	21,23,25	5,6
LO – 5:	Learn about the risks that may arise in international financial markets	21,23,25	5,6
<b>CTPO</b> : Contribution to programme outcomes, <b>TOA</b> : Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), <b>LO</b> : Learning Outcome			
<b>Content of the Course</b>			
Real estate and finance principles, international monetary markets, international bond markets, international share certificate market, international wallet management, international capital budget, international enterprise capital management and finance of foreign trade, structurings using in real estate investments, Real estate investment options, evaluation of economic powers in urban design.			
<b>Course Syllabus</b>			
<b>Week</b>	<b>Subject</b>	<b>Related Notes / Files</b>	
Week 1	Terminological introduction		
Week 2	Introduction to real estate and finance principles		
Week 3	International money markets		
Week 4	International bond markets		
Week 5	International stock market		
Week 6	International portfolio management		
Week 7	International Capital Budgeting		
Week 8	International Capital Budgeting		
Week 9	Mid-term Exam		
Week 10	International business capital management and financing of foreign trade		

Week 11	Discussions involving structures used in real estate investments			
Week 12	Real estate investment options			
Week 13	Evaluation of economic forces in urban design			
Week 14	Evaluation of economic forces in urban design			
Week 15	Evaluation of economic forces in urban design			
Week 16	End-of-term Exam			
<b>Text Book/Material</b>				
1	Hoover, E. M., and Giarratani, F., 1984; An Introduction to Regional Economics. Alfred A. Knopf, inc. (Borzoi Books). New York. P. 243-247.			
2	Ertürk, H., 2009; Kent Ekonomisi. Bursa: Ekin Yayınevi.			
3	Doğukanlı, H., 2010; Uluslararası Finans. Nobel Kitabevi. Adana.			
4	Seyidoğlu, H., 2010; Uluslararası Finans. 4. Baskı. İstanbul.			
<b>Recommended Reading</b>				
1				
2				
<b>Method of Assessment</b>				
<b>Type of Assessment</b>	<b>Week</b>	<b>Date</b>	<b>Duration (hours)</b>	<b>Weight (%)</b>
Mid-term Exam				50
End-of-term Exam				50
<b>Student Work Load and its Distribution</b>				
<b>Type of work</b>	<b>Duration (hours pw)</b>	<b>No of weeks / Number of activity</b>	<b>Hours in total per term</b>	
Lectures (face to face teaching)				
Own (personal) studies outside class				
Own study for first mid-term exam				
Mid-term exam				
Own study for final exam				
End-of-term exam				
<b>Total work load</b>				