

COURSE RECORD

Code	ARCH101
Name	Design 1: Basic Design
Hour per week	12 (6 Theory + 6 Practice)
Credit	9
ECTS	12
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	The studio introduces students to design as a sensory, experimental process. Through exercises focused on touch, perception, and interaction, students explore spatial thinking beyond visual representation. Students investigate the behaviors and potentials of materials and experiment with intangible phenomena. Emphasis is placed on making as a method of thinking, where hands-on exploration leads to spatial awareness. Students are encouraged to draw from their everyday environments and lived experiences as platforms for learning, observation, and spatial experimentation. Through bodily engagement with space, students develop their ability to observe, interpret, and generate design ideas grounded in sensory experience. Rather than aiming for finalized products, the course prioritizes iterative processes and encourages intuitive and critical engagement with space, form, and experience.
Objectives	Introducing core principles and terminology of design thinking and spatial exploration. Encouraging creative inquiry through observational, conceptual, and practical approaches. Supporting the development of individual design ideas through iterative processes. Facilitating the use of diverse media and techniques for design expression and communication.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Translate intangible and sensory qualities into spatial, material, and performative expressions. LO2. Construct three-dimensional spatial organizations by transforming two-dimensional visual and material studies through iterative, sensory-based experimentation. LO3. Experiment with diverse materials to demonstrate how their physical properties influence spatial and expressive outcomes. LO4. Evaluate design works using appropriate terminology and critical reasoning. LO5. Develop spatial ideas across different media, scales, and sensory dimensions in relation to the human body.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	3	4	1	2	2	3	2	4	1	1	2	1
LO2	5	3	3	2	1	4	1	4	1	1	1	0
LO3	4	2	1	2	1	5	2	4	1	1	1	0
LO4	3	5	1	2	1	3	1	3	2	1	2	3
LO5	4	4	4	2	2	4	2	5	2	1	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	4	0	0	1	1	0
LO2	3	4	0	0	4	0	0
LO3	3	4	0	0	3	0	0
LO4	3	5	0	0	2	3	1
LO5	3	4	0	0	4	1	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Perceiving and Constructing: From 2D to 3D	L01, L02, L03
Embodied Form: Body, Motion and Spatial Logic	L01, L02, L05
Experimental Interactions: Designing 3D Space	L01, L04, L05

DERS BİLGİLERİ

Kodu	ARCH101
İsmi	Tasarım 1: Temel Tasarım
Haftalık Saati	12 (6 Teori + 6 Pratik)
Kredi	9
AKTS	12
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Stüdyo, öğrencileri tasarımı duyuşsal ve deneysel bir süreç olarak kavramaya teşvik eder. Dokunma, algı ve etkileşim odaklı alıştırımlar aracılığıyla, öğrenciler görsel temsiliyetin ötesine geçerek alternatif mekânsal düşünme biçimlerini keşfeder. Malzemelerin davranışlarını ve potansiyellerini araştırırken, aynı zamanda duyuşsal öğeler ve algısal etkiler üzerinde deneyler gerçekleştirirler. Bu süreçte, yaparak düşünme yöntemi öne çıkar; uygulamaya dayalı keşifler aracılığıyla mekânsal farkındalık geliştirilmesi hedeflenir. Öğrenciler, gündelik çevrelerini ve yaşantılarını birer öğrenme, gözlem ve mekânsal deneme zemini olarak değerlendirmeye yönlendirilir. Mekânla bedensel etkileşim kurarak, duyuşsal deneyime dayalı gözlem, yorum ve tasarım üretme becerilerini geliştirirler. Bu derste nihai ürünlerden ziyade, iteratif tasarım süreçleri ve mekân, biçim ve deneyimle sezgisel ve eleştirel etkileşim önceliklidir.

COURSE RECORD

Code	ARCH102
Name	Design 2: Introduction to Architecture
Hour per week	10 (4 Theory + 6 Practice)
Credit	7
ECTS	9
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	ARCH101
Description	This studio engages students in an intensive process of making and doing, where architectural knowledge is constructed through hands-on exploration, experimentation, and spatial problem-solving. Through design projects, students tackle fundamental design challenges, developing spatial awareness and design literacy. The studio emphasizes conceptual thinking and research, encouraging students to critically examine architectural precedents, articulate design ideas, and build their own intellectual frameworks. At the core of the course is an investigation of architectonics, the relationships between space, structure, and form. Students are guided to think spatially and materially while producing coherent and contextually responsive design outcomes.
Objectives	Identifying basic architectural principles through the design of small-scale buildings, interior spaces, and sites, by engaging in iterative making and doing practices. Investigating how visual perception and ordering systems influence architectural thinking, with a focus on spatial hierarchy and formal coherence. Using appropriate representational media, including hand drawing, physical modeling, and digital tools, to illustrate essential spatial and formal ideas throughout the design process. Examining the relationship between the human body and architectural space by investigating scale, proportion, and spatial experience through active design experimentation.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the spatial and formal relationships between human scale, architectural elements, and perception. LO2. Apply basic design principles using form, structure, and spatial organization at different scales. LO3. Analyze material, structural, and representational strategies in architectural design. LO4. Evaluate spatial outcomes by reflecting on the effectiveness of design intentions and representation techniques. LO5. Create design proposals by integrating conceptual reasoning, making practices, and spatial experimentation.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	5	4	4	2	2	3	1	3	2	1	2	3
L02	5	4	5	2	3	4	2	4	2	1	1	3
L03	4	4	4	2	3	3	2	5	2	1	2	3
L04	4	5	4	2	3	4	2	4	2	2	2	3
L05	5	5	5	3	3	5	3	5	3	2	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	2	0	0	2	2	0
L02	4	3	0	0	3	1	0
L03	4	4	0	0	3	2	1
L04	3	5	0	0	3	3	1
L05	4	5	1	0	4	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Making and Doing	L01, L02, L03
Conceptual Thinking and Research	L02, L03, L04
Architectonics: Investigation of Space and Form	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH102
İsmi	Tasarım 2: Mimarlığa Giriş
Haftalık Saati	10 (4 Teori + 6 Pratik)
Kredi	7
AKTS	9
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH101
İçerik	Bu stüdyo, öğrencileri üretme ve yapma odaklı yoğun bir sürece dahil eder; mimari bilgi, uygulamalı keşif, deneyim ve mekânsal problem çözme üzerinden şekillenir. Öğrenciler, tasarım projeleri aracılığıyla temel tasarım sorunlarını ele alarak mekânsal farkındalık kazanır ve tasarım okuryazarlığını geliştirir. Stüdyo, kavramsal düşünme ve araştırmayı merkeze alır; öğrencileri mimari örnekleri eleştirel biçimde incelemeye, tasarım fikirlerini ifade etmeye ve kendi entelektüel çerçevelerini kurmaya teşvik eder. Dersin temelinde mekân, yapı ve form arasındaki ilişkileri inceleyen mimari kurgu (architectonics) araştırması yer alır. Öğrenciler, mekânsal ve maddesel boyutlarda düşünmeye yönlendirilerek, tutarlı ve bağlama duyarlı tasarım ürünleri geliştirmeleri için desteklenir.

COURSE RECORD

Code	ARCH112
Name	Media Literacy
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	5
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	Media literacy is a way of thinking about the media; a way of deconstructing media messages to gain more control over them. The course is designed to help students develop an informed and critical understanding of the nature of an ever expanding and increasingly dominant media landscape –as a source of information, entertainment, and industry– as well as to examine, interpret, and evaluate the messages contained within, and their social and cultural implications. The course will retool different media techniques into form generation devices for architectural design and communication, encouraging collaborative processes of exploration, production, and critique.
Objectives	Understanding the relationships between architecture, media, and visual communication. Analyzing the meanings and implications of media messages. Evaluating the potentials and limitations of different media tools for architectural design and communication. Using different media techniques as tools for architectural design and communication.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the relationships between architecture, media, and visual communication. LO2. Analyze the meanings and implications of media messages. LO3. Assess media tools in relation to architectural communication outcomes. LO4. Evaluate media messages using different media tools. LO5. Create architectural representations by integrating different media techniques.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	3	4	2	3	0	2	0	5	0	4	2	2
LO2	2	5	0	3	0	2	2	2	0	3	3	2
LO3	3	4	2	3	0	2	1	5	0	3	3	3
LO4	2	5	0	3	0	3	2	4	0	3	2	3
LO5	4	4	2	3	0	4	3	5	0	4	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	4	2	0	1	2	1	0
LO2	3	4	1	1	2	2	0
LO3	4	4	0	0	2	2	0
LO4	3	5	1	1	2	2	0
LO5	5	5	1	0	3	1	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Media, Meaning and Representation	LO1, LO2
Media Tools and Visual Communication	LO1, LO3
Architectural Representation and Expression	LO2, LO3, LO5
Digital Media and Critical Practice	LO3, LO4, LO5

DERS BİLGİLERİ

Kodu	ARCH112
İsmi	Medya Okuryazarlığı
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	5
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Medya okuryazarlığı, medya hakkında bir düşünme biçimi ve üzerinde daha fazla kontrol elde etmek için medya mesajlarının yapısını bozmanın bir yoludur. Ders, öğrencilerin sürekli genişleyen ve giderek daha baskın hale gelen medya ortamının –bilgi kaynağı, eğlence ve endüstri olarak– doğası hakkında bilgili ve eleştirel bir anlayış geliştirmelerine; içerdiği mesajları ve bunların sosyal ve kültürel etkilerini incelemelerine, yorumlamalarına ve değerlendirmelerine yardımcı olmak için tasarlanmıştır. Ders, farklı medya tekniklerini mimari tasarım ve iletişim için form oluşturma aygıtlarına dönüştürmeyi ve keşif, üretim ve eleştiri süreçlerinde işbirlikçi yaklaşımları teşvik etmeyi amaçlamaktadır.

COURSE RECORD

Code	ARCH122
Name	Materials & Behaviors
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	The “Materials & Behaviors” course is structured on the theme “Introduction to Materialization” to introduce the building materials. It focuses on the building materials through traditional, conventional, and innovative perspectives to discuss the developing and changing properties and usage possibilities of building materials. It starts with defining and classifying building materials, components, and elements. Then, the basic properties and general characteristics of the building materials are explained by focusing on the environmental factors, user, and performance requirements. The building materials are discussed in detail based on the building material selection criteria, the relationship between building material selection and architectural design concept and the materials' usage areas in the building element systems.
Objectives	Distinguishing the hierarchical relations between building materials, components, and elements. Recognizing the building materials and their basic properties. Specifying the different uses of the building materials in the buildings. Analyzing the relationship between building material selection and architectural design concept.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the difference between building materials, components, and elements. LO2. Identify the basic properties, inherent characteristics, and performances of the building materials. LO3. Examine the building materials based on their usage in the buildings. LO4. Select appropriate building materials via detailed research and review processes. LO5. Develop proposals for the given design problems using the material knowledge.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	3	4	4	1	3	3	1	5	5	5	3
LO2	5	3	4	4	1	3	3	1	5	5	5	3
LO3	5	4	5	5	2	4	4	3	5	5	5	3
LO4	5	4	5	5	2	4	4	3	5	5	5	3
LO5	5	4	5	4	3	4	4	5	5	5	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	4	0	2	0
LO2	4	4	0	4	0	2	0
LO3	4	5	0	4	0	3	0
LO4	4	4	0	4	0	2	0
LO5	3	5	0	4	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Basic Terminology	L01
Building Material Types and Their Properties	L01, L02
Building Materials' Usage in Buildings	L02, L03, L04
Design Exercises on Building Material Selection	L04, L05

DERS BİLGİLERİ

Kodu	ARCH122
İsmi	Yapı Malzemeleri ve Davranışları
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	“Yapı Malzemeleri ve Davranışları” dersi, yapı malzemelerinin gelişen ve değişen özelliklerini ve kullanım olanaklarını geleneksel, konvansiyonel ve yenilikçi bakış açılarıyla ele alarak yapı malzemelerine odaklanmaktadır. Ders, yapı malzemelerinin, bileşenlerinin ve elemanlarının tanımlanması ve sınıflandırılmasıyla başlamaktadır. Daha sonra, yapı malzemeleri tanıtılmakta, çevresel faktörler ile kullanıcı ve performans gereksinimlerine odaklanılarak yapı malzemelerinin temel özellikleri açıklanmaktadır. Yapı malzemesi seçim kriterleri, yapı malzemesi seçimi ile mimari tasarım konsepti arasındaki ilişki ve malzemelerin yapı elemanı sistemlerindeki kullanım alanları temel alınarak tartışılmaktadır.

COURSE RECORD

Code	ARCH131
Name	Architecture Today
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	3
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	Architecture Today course intends to create a point of view on design, architecture, and related disciplines by evaluating and examining the architectural production of today and 20th century. Course emphasizes on contemporary art and philosophy, as a critical contribution on the architectural production. It criticizes the production of the space over design challenges and reminds the interdisciplinary interactions of the architecture. Course also intends to create a passion on architectural profession for freshmen students.
Objectives	Introducing inter-and trans-disciplinary behavior of architectural profession over investigating the interactions and relations between architecture, art, engineering, and social sciences. Instituting the interrelation between research and design. Generating an understanding on (contemporary) architecture. Creating a passion on architectural profession.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify the interactions of architecture, art, engineering, and social sciences. LO2. Criticize the role of an architect(ure) in contemporary world. LO3. Examine the process of an architectural production as a fact of interdisciplinary interaction. LO4. Determine the idea of alternative thinking, in terms of design.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	0	4	0	3	2	0	2	0	4	0
LO2	4	5	3	5	2	4	3	0	0	0	4	3
LO3	5	5	3	5	0	4	4	0	3	2	5	0
LO4	3	5	2	4	2	3	2	1	4	2	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	5	2	1	2	1	1	0
LO2	3	5	2	2	0	2	1
LO3	5	4	1	1	0	1	0
LO4	3	5	1	2	1	1	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Role of Architect(ure) and Design in 21st Century	LO1, LO2
Art, Design, Technology and Architecture	LO1, LO3
Space, as an Architectural Artifact	LO3, LO4
Utopia: Challenge of Architecture	LO2, LO3, LO4
Discussions on Architect(ure)s; Introducing "Research by Design" Idea	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCH131
İsmi	Günümüz Mimarlığı
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	3
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Günümüz Mimarlığı dersi, 20.yüzyıl ve güncel mimari üretimleri inceleyip değerlendirerek tasarım, mimarlık ve ilgili disiplinler üzerine eleştirel bir bakış açısı üretmeyi amaçlamaktadır. Bununla birlikte ders, mimari üretime katkıları ve yakın ilişkilerinden dolayı, çağdaş sanat ve felsefe üzerine de odaklanmaktadır. Ders, mekânın tasarım düşüncesi üzerinden evrimini irdelemekte ve mimarlığın sanat ve mühendislikle disiplinler arası ilişkilerine odaklanmaktadır. Ders, eğitime yeni başlamış öğrencilere mimarlık mesleğine tutku kazandırmayı amaçlamaktadır.

COURSE RECORD

Code	ARCH132
Name	Architectural History & Theory 1
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	4
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	The course aims to create a critical point of view over cultures and architectures of the early civilizations from the settlement of first cities to the end of the Middle Ages and comprehend the interactions and conflicts of their social environment, technics, and technologies. Architectural and historical backgrounds of the cultures and ideas are examined to evaluate their formal characteristics in a contextual approach. The course also generates a research environment to discover not only the impressions or expressions and their artifacts, but also the social order, art, and culture of the ancient civilizations. It is also aimed to make students aware of the fact that architecture is the product of social, cultural, and political forces and cannot be understood without introducing those issues and studying their place in the civilization or national history being analyzed.
Objectives	Recalling the historical background of the Afro-Eurasian civilizations. Examining the relationship between architectures of civilizations and their cultures in history. Classifying different building techniques and technologies in the ancient and medieval world. Comparing the development process of building technologies and culture.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine how societies and lifestyles define cultures. LO2. Compare the effects of the local characteristics on the development of architecture. LO3. Criticize historical continuity and architectural development. LO4. Determine 'the building' as an architectural artifact formed by social, economic, and cultural aspects. LO5. Create an intellectual opinion and a personal reflection on the history and culture of the architectural discourse.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	5	0	3	3	0	0	0	0	3	5	5
LO2	0	5	0	3	3	0	0	0	0	3	5	5
LO3	0	5	0	3	3	0	0	0	0	3	5	5
LO4	0	5	0	3	3	0	0	0	0	3	5	5
LO5	0	5	0	3	3	0	0	0	0	3	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	4	0	2	0
LO2	4	4	0	4	0	2	0
LO3	4	5	0	4	0	3	0
LO4	4	4	0	4	0	2	0
LO5	3	5	0	4	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
The Agricultural Revolution and the Birth of the Organized Societies: Mesopotamia, Egypt	L01, L05
First Empires and Common Cultures of Afro-Eurasia: Assyrians, Hittites, Mycenaean-Minoan cultures, Persian Greek.	L01, L05
The Roman World	L02, L03, L05
Emergence of the Universal Religions, the Societies and Architecture	L02, L03, L05
The Byzantine Architecture during the Middle Ages	L03, L04, L05
The Muslim Civilizations Flourish	L03, L04, L05
The Medieval Europe	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH132
İsmi	Mimarlık Tarihi & Kuramı 1
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	4
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Bu ders mimarlığın bir sosyal üretim süreci olduğu ön kabulüyle mimarlığın gelişim hikayesini, toplumların sosyal kültürel ve ekonomik süreçleri ile incelemektedir. En eski dönemlerden orta çağa kadar olan dönemde farklı coğrafyalarda ortaya konan sanat ve mimarlığın bağlamını tartışmak ve benzerlik ve özgün yönleri ortaya koymak dersin öncelikli kazanımları arasındadır.

COURSE RECORD

Code	ARCH201
Name	Architectural Design 1
Hour per week	10 (4 Theory + 6 Practice)
Credit	7
ECTS	9
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	ARCH102
Description	This studio intends to focus on dwelling problems to explore not only the interior–exterior and public–private dynamics, but also to learn from material–structure interaction and the relationship between spatial functions and the basic needs of both traditional and emerging forms of daily life. In addition to investigating conventional domestic spaces, the studio also addresses contemporary dwelling typologies in relation to diverse physical, social, and environmental contexts. It is based on a holistic approach, incorporating the role of natural, built, and cultural environments; introduction to function, form, structure, and the principles of spatial organization.
Objectives	Examining the evolving needs of users and society in relation to fundamental principles of architecture. Exploring the dynamics of public and private through the analysis of interior and exterior spaces across cultural contexts. Enhancing architectural design perspectives and capacities for spatial representation. Comprehending design as a process of inquiry and discovery through alternative approaches.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the relationships between functions, needs, and spatial configurations in the development of an architectural program. LO2. Identify the dwelling as a spatial and cultural construct shaped by social, economic, and environmental conditions. LO3. Examine how space is generated through the interplay of material, structure, and patterns of everyday life. LO4. Analyze the relationship between the house, its users, and its environmental or urban context across various dwelling scenarios. LO5. Evaluate alternative ways of thinking and making within the framework of research by design. LO6. Create spatial proposals using multiple representation techniques to address contemporary dwelling problems.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	5	2	5	3	3	4	2	3	2	1	1	1
L02	2	3	3	3	4	2	4	2	4	1	1	1
L03	5	2	3	5	4	4	2	3	3	1	1	1
L04	3	5	4	3	4	3	4	2	4	2	2	1
L05	2	4	3	5	3	5	3	3	4	2	2	2
L06	3	2	2	3	2	4	2	5	2	3	2	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	2	1	1	1	1	0
L02	5	2	4	3	1	0	1
L03	4	4	2	2	1	1	1
L04	4	4	4	2	1	1	1
L05	3	5	2	1	4	1	2
L06	4	5	3	2	4	1	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Domestic and Interior	L01, L03, L06
Dwelling as Singular Habitat	L02, L04, L05
Housing+	L04, L05, L06

DERS BİLGİLERİ

Kodu	ARCH201
İsmi	Mimari Tasarım 1
Haftalık Saati	10 (4 Teori + 6 Pratik)
Kredi	7
AKTS	9
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH102
İçerik	Bu stüdyo, barınma olgusunu ele alırken yalnızca iç-dış mekân ve kamusal-özel alan dinamiklerin değil, aynı zamanda malzeme ile yapı arasındaki etkileşimi ve mekânsal işlevlerin hem geleneksel hem de değişen yaşam biçimlerinin temel ihtiyaçlarıyla olan ilişkisini incelemeyi amaçlamaktadır. Stüdyo, geleneksel konut mekânları araştırmanın yanı sıra, çeşitli fiziksel, sosyal ve çevresel bağlamlarla ilişkili olarak çağdaş konut tipolojilerini de ele alır. Tasarım süreci, doğal, yapı ve kültürel çevrelerin rolünü içeren; işlev, biçim, strüktür ve mekânsal organizasyon ilkelerine giriş yapan bütüncül bir yaklaşıma dayanmaktadır.

COURSE RECORD

Code	ARCH202
Name	Architectural Design 2
Hour per week	10 (4 Theory + 6 Practice)
Credit	7
ECTS	9
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	ARCH201
Description	This studio focuses on the concept of morphology to explore the spatial relationships between form, function, and users as a core design challenge. Through iterative processes, students are encouraged to investigate how spatial fragments and topographic conditions shape architectural thinking and decision-making. They are also expected to work with material and technological features to produce space and explore the architectonics of the design they create. In parallel, students are encouraged to critically engage with the social and cultural dimensions of architecture, while developing representational tools to articulate their design ideas. Design explorations will incorporate ergonomics and accessibility, while environmental sustainability may be addressed depending on project context and student interest. The studio aims to foster an integrated understanding of architecture through diverse lenses, such as function & space, morphological logic, and topographical adaptation.
Objectives	Examining the relationships between spatial order, function, and user needs through morphological exploration. Developing context-aware architectural and spatial design proposals in response to topographic conditions. Enriching architectural perspectives and expanding representational capabilities through analytical and experimental approaches. Comprehending alternative design strategies as a mode of research and inquiry within architectural practice.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define space as an architectural artifact. LO2. Explain how functions and needs organize space into an architectural program. LO3. Analyze spatial formation through space–place relationships. LO4. Evaluate alternative design approaches within research-by-design. LO5. Create design proposals using diverse modes of representation.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	5	4	4	2	2	3	2	4	2	1	2	2
L02	5	4	5	2	2	3	3	4	2	1	2	2
L03	4	5	5	3	3	3	3	3	2	1	2	2
L04	4	5	4	4	3	4	4	3	3	1	3	2
L05	4	4	4	4	2	4	4	5	2	1	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	3	1	2	0	2	0	0
L02	4	2	1	0	1	1	0
L03	4	4	2	1	2	1	1
L04	4	5	2	1	4	1	2
L05	4	5	3	1	3	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Morphology and Topography	L01, L03, L04
Function and Space	L02, L03, L04
Fragments of Space	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH202
İsmi	Mimari Tasarım 2
Haftalık Saati	10 (4 Teori + 6 Pratik)
Kredi	7
AKTS	9
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH201
İçerik	Bu stüdyo, biçim, işlev ve kullanıcı arasındaki mekânsal ilişkileri temel bir tasarım sorunu olarak ele alır ve bu ilişkileri morfoloji kavramı üzerinden inceler. Yenilenen tasarım süreçleri boyunca öğrenciler, mekânsal parçaların ve topoğrafya koşullarının mimari düşünceyi ve karar alma süreçlerini nasıl yönlendirdiğini araştırmaya teşvik edilir. Ayrıca, öğrencilerden malzeme ve teknolojik olanaklarla çalışarak mekân üretmeleri ve tasarladıkları yapının mimari kurgusunu (architectonics) irdelemeleri beklenir. Bunun yanı sıra, mimarlığın toplumsal ve kültürel boyutlarıyla eleştirel bir ilişki kurmaları ve tasarım fikirlerini ifade edecek temsil araçları geliştirmeleri amaçlanır. Tasarım çalışmaları ergonomi ve erişilebilirliği içerecek; çevresel sürdürülebilirlik ise proje bağlamına ve öğrencinin ilgisine bağlı olarak ele alınacaktır. Stüdyonun hedefi, işlev ve mekân, morfolojik mantık ve topoğrafyaya uyum gibi farklı boyutları bir araya getirerek mimarlığı bütüncül bir yaklaşımla kavratmaktır.

COURSE RECORD

Code	ARCH221
Name	Elements & Components 1
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	ARCH102, ARCH122
Description	“Elements & Components 1” course is structured on the theme “Systems & Construction”. It follows the “Materials & Behaviors” course by dealing with the transition from material to component and building element. The overall intention of the course is to equip the students for a successful building element system design process by providing awareness of its relationship with the architectural design concept and the variety of building materials and detailing options. The course starts with introducing the basic concepts related to building, building systems, performance-based design principles, and construction technologies. The building element systems are then discussed by focusing on basics, classifications, performance-based detail design principles, and construction technologies emphasizing the characteristics of each building element system.
Objectives	Identifying the building as a system with its sub-systems. Explaining the performance-based design principles used for designing building element systems. Recognizing the construction technology concept as an input of the building element system design process. Relating the user requirements and environmental factors when defining the design parameters.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the building systems and sub-systems and their integration and relation. LO2. Utilize the performance-based design principles to building element system designs. LO3. Examine the role of construction technology components in the building element system design process and the realization of the design. LO4. Interpret the building element system designs based on the user requirements and environmental factors. LO5. Develop detailed drawings and models of building element systems for illustrating the use of materials and components.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	4	5	5	4	1	4	3	3	3	4	4	3
L02	4	5	5	4	1	4	4	3	3	4	4	3
L03	4	5	5	4	1	4	4	3	3	4	4	3
L04	4	5	5	4	1	4	3	3	3	4	4	3
L05	5	4	5	4	3	4	4	5	5	5	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	3	0	0	0	2	2	0
L02	5	4	1	0	3	2	0
L03	4	3	0	0	3	2	0
L04	4	4	2	0	3	2	0
L05	5	4	0	0	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Basic Concepts	L01
Performance-Based Design Approach	L02, L04
Construction Technology Concept	L03
Building Element Systems	L02, L03, L04
Performance Analyses on Building Element Systems	L02, L04
Construction Process Analyses on Building Element Systems	L03
Building Element Systems Design Exercises	L02, L03, L05
Building Element Systems Model-Making	L01, L03, L05

DERS BİLGİLERİ

Kodu	ARCH221
İsmi	Yapı Elemanları ve Bileşenleri 1
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH102, ARCH122
İçerik	“Yapı Elemanları ve Bileşenleri 1” dersi, “Sistemler ve Yapım” teması üzerine yapılandırılmıştır. Malzemeden bileşene ve yapı elemanına geçişi ele alarak “Yapı Malzemeleri ve Davranışları” dersini takip etmektedir. Dersin genel amacı, mimari tasarım konsepti ile yapı malzemeleri ve detay tasarımı seçeneklerinin çeşitliliği arasındaki ilişki konusunda farkındalık sağlayarak, öğrencileri başarılı bir yapı elemanı sistemi tasarım süreci için donatmaktır. Ders bina, bina sistemleri, performans dayalı tasarım ilkeleri ve yapım teknolojileri ile ilgili temel kavramların tanıtılmasıyla başlamaktadır. Daha sonra yapı elemanı sistemleri temel özelliklerine, sınıflandırmalara, performans dayalı detay tasarımı ilkelerine ve yapım teknolojilerine odaklanılarak tartışılmaktadır.

COURSE RECORD

Code	ARCH222
Name	Elements & Components 2
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	ARCH201, ARCH221
Description	The “Elements & Components 2” course is structured on the theme “Design & Integration” by following the outcomes of the “Elements & Components 1” course. The course’s overall intention is to equip the students for a successful detailed design process by experiencing a construction project development process using the roadmaps given in the “Elements & Components 1” course. For this purpose, the construction project of the “Housing Project” designed as the outcome of “ARCH 201 Architectural Design 1” is developed by producing design development drawings, architectural detail designs, system details, and construction drawings using the performance-based detail design principles and focusing on the material and construction technique selection criteria.
Objectives	Explaining the architectural detail design and integration principles in relation with the performance-based design principles. Recognizing the relationship between the architectural design concept and detailed design. Describing the construction technology selection principles used for the detailed design development. Demonstrating the technical drawing principles for the construction project development.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the architectural detail design principles focusing on the integration of the building element systems. LO2. Apply performance-based design principles for building element system and architectural detail designs. LO3. Examine the relationships between architectural design concept and detailed design. LO4. Select appropriate construction technology components for the detailed design development. LO5. Develop detailed drawings and models for identifying the assembly and integration of materials, systems, and components.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	5	5	5	1	5	5	3	5	3	5	3
LO2	5	5	5	5	1	5	5	3	5	3	5	3
LO3	5	5	5	5	1	5	5	3	5	3	5	3
LO4	5	5	5	5	1	5	5	3	5	3	5	3
LO5	4	4	5	4	1	4	4	5	5	3	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	0	0	0	2	2	0
LO2	5	4	1	0	3	2	0
LO3	4	3	0	0	3	2	0
LO4	5	4	1	0	3	2	0
LO5	5	4	0	0	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Design Development in 1:00 Scale	L03, L05
Building Element System Designs in 1:5 Scale	L02, L04, L05
Architectural Detail Designs in 1:5 Scale	L02, L04, L05
System Details in 1:20 Scale	L01, L04, L05
System Section Model-Making in 1:20 Scale	L01, L04, L05
Construction Drawings in 1:50 Scale	L03, L05

DERS BİLGİLERİ

Kodu	ARCH222
İsmi	Yapı Elemanları ve Bileşenleri 2
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH201, ARCH221
İçerik	“Yapı Elemanları ve Bileşenleri 2” dersi, “Yapı Elemanları ve Bileşenleri 1” dersinin çıktıları takip edilerek “Tasarım ve Entegrasyon” teması üzerine yapılandırılmıştır. Dersin genel amacı, öğrencilerin, “Yapı Elemanları ve Bileşenleri 1” dersinde verilen yol haritalarını kullanarak uygulama projesi geliştirme sürecini deneyimlemelerini sağlamaktır. Bu amaçla “ARCH 201 Mimari Tasarım 1” dersi kapsamında tasarlanan konut projesinin uygulama projesi geliştirilmektedir. Bu kapsamda performans dayalı detay tasarım ilkeleri kullanılarak ve malzeme ve yapım tekniği seçim kriterlerine odaklanılarak kesin proje çizimleri, mimari detay tasarımları, sistem detayları ve uygulama çizimleri üretilmektedir.

COURSE RECORD

Code	ARCH223
Name	Structure 1
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	4
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	-
Description	The course discusses the physical laws underlying structural principles. It highlights the relationship between the shape of interconnected structural elements and their role within the overall structure. The opportunities offered by structural forms to the definition of the architectural spaces are emphasized. It introduces the relationships between material and geometrical proprieties of elements and structural behavior.
Objectives	Transmitting sufficient theoretical background to understand the principles of structural design. Speculating on the configuration of form and structural elements and systems. Gaining an understanding of how structures resist loads through form. Exploring the creative potential of structural solutions and the influence on the organizational and symbolic architectural results.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the main physical laws underlying structural behaviors and their relation to structural forms. LO2. Examine basic structural types and systems, their behavior, performance characteristics, and their potential for contributing to architectural form. LO3. Identify common structural and building construction systems and their characteristics as well as their advantages and disadvantages. LO4. Evaluate structural systems, sizing simple main structural elements at the level of preliminary design. LO5. Modify the structural design at a macro scale level under the architectural decisions.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	0	2	0	0	4	0	0	3	3	2
LO2	5	2	2	3	1	2	2	0	0	3	5	3
LO3	2	5	0	3	3	3	2	2	4	4	3	4
LO4	3	4	2	5	0	2	3	3	3	4	3	5
LO5	3	3	2	4	2	3	5	2	3	5	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	2	0	0	0	2	0
LO2	4	4	0	0	2	2	0
LO3	4	3	0	0	2	2	0
LO4	5	5	0	0	4	3	0
LO5	5	5	0	0	4	3	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Equilibrium of Forces and Graphic Statics	L01, L02, L03
Funicular Structures: Suspended Structures	L01, L02, L03
Arches	L01, L02, L03
Lightweight Structures: Membranes Cable Nets.	L01, L02, L03
Restraining Funicular Members	L01, L02, L03
Moments Equilibrium	L01, L02, L03
Tree-like and Propped Structures	L01, L02, L03
Trusses	L01, L02, L03
Flow of Forces, Tributary Area, Average Weights.	L03, L04, L05
Axial, Shear and Moment Diagrams	L03, L04, L05
Materials: Structural Properties and Cultural Links	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH223
İsmi	Strüktür 1
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	4
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Ders, fiziksel kurallar üzerinden strüktürel davranışları sorgulamaktadır. Biçim ve bağlantılı strüktürel elemanlar ile bütüncül taşıyıcı sistem içindeki rolleri irdelemektedir. Taşıyıcı sistemlerin mimari mekanla ilişkisi ve olanakları sorgulamaktadır. Ders, taşıyıcı sistem elemanları ve davranışlarını malzeme ve geometrik özellikleri üzerinden tanıtmayı amaçlamıştır.

COURSE RECORD

Code	ARCH224
Name	Structure 2
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	4
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	-
Description	The course introduces the relationship between load, section, and material. It presents the structural principles underlying the most common structural elements. It discusses the organization of such elements within the overall structure also emphasizing their architectural relevance. It exemplifies the selection criteria between alternative structural systems and their optimization at the macro level.
Objectives	Dimensioning structural elements made of different materials. Optimizing the macro level, the longitudinal and cross section of structural elements based on their moment/force diagrams. Speculating on the different kind of stresses and related relevance to which a structure can be subjected based on its shape and boundary conditions. Exercising from the first architectural sketches which parts will be structurally more problematic, the problems they will face and possible solutions at the macro level.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Evaluate main structural laws underlying structural behaviors and their relation to structural section. LO2. Identify common structural and building construction systems. LO3. Define structural characteristics as well as their advantages and disadvantages. LO4. Create a reasonable frame of a structure on architectural organization of space. LO5. Modify the structural design at a macro scale level under the architectural decisions.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	4	0	2	0	0	4	0	0	3	3	2
LO2	5	2	2	3	1	2	2	0	0	3	5	3
LO3	2	5	0	3	3	3	2	2	4	4	3	4
LO4	3	4	2	5	0	2	3	3	3	4	3	5
LO5	3	3	2	4	2	3	5	2	3	5	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	4	0	0	2	2	0
LO2	3	0	0	0	0	2	0
LO3	4	3	0	0	2	2	0
LO4	5	5	0	0	4	3	0
LO5	5	5	0	0	4	3	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Structural Grids. Flow of Loads and Hierarchy	L01, L02, L03
Bending Resistant Structures: Beams, Columns	L01, L02, L03
Slabs and Structural Systems of Roofs	L01, L02, L03
Essence of Moment of Inertia	L03, L04, L05
Moment of Inertia Applications on the Systems	L01, L02, L03
Load Distributions	L01, L02, L03
Structural System Design	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH224
İsmi	Strüktür 2
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	4
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Ders yapısal yük, kesit ve malzeme arasındaki ilişkilere odaklanmaktadır. En yaygın yapısal öğelerin altında yatan yapısal ilkeleri irdelemektedir. Bu tür unsurların genel yapı içindeki organizasyonunu ve mimari açıdan önemini vurgularken tartışmaktadır. Alternatif yapısal sistemler arasındaki seçim kriterlerini ve bunların makro düzeyde optimizasyonunu örneklendirmektedir.

COURSE RECORD

Code	ARCH231
Name	Architectural History & Theory 2
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	4
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	-
Description	Architectural History & Theory II course aims to create a critical point of view over cultures and architectures of Afro-Eurasia region from medieval times to the end of the eighteenth century and enable the students comprehend the interactions and conflicts of their social environment, technics, and technologies. Architectural and historical backgrounds of the civilizations and ideas will be critically investigated to evaluate their formal characteristics in a contextual approach. The course also generates a research environment to discover not only the impressions or expressions and their artifacts, but also the social order, art, and culture of the Afro-Eurasian civilizations. It is also aimed to make students aware of the fact that architecture is the product of social, cultural, religious, and political forces and cannot be understood without introducing those issues and studying their place in the civilization or national history being analyzed.
Objectives	Recalling the historical background of the Afro-Eurasian civilizations. Examining the relationship between architectures of civilizations and their cultures in history. Classifying different building techniques and technologies in the early modern world (15th to 18th centuries). Comparing the development process of building technologies and culture.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine how societies and lifestyles define cultures. LO2. Compare the effects of the local characteristics on the development of architecture. LO3. Criticize historical continuity and architectural development. LO4. Determine 'the building' as an architectural artifact formed by social, economic, and cultural aspects. LO5. Create an intellectual opinion and a personal reflection on the history and culture of the architectural discourse.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	5	0	3	4	0	0	0	0	3	5	5
LO2	0	5	0	3	4	0	0	0	0	3	5	5
LO3	0	5	0	3	4	0	0	0	0	3	5	5
LO4	0	5	0	3	4	0	0	0	0	3	5	5
LO5	0	5	0	3	4	0	0	0	0	3	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	5	0	0	0
LO2	4	4	0	5	0	0	0
LO3	4	5	0	5	0	0	0
LO4	4	4	0	5	0	0	0
LO5	3	5	0	5	4	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Art and Architecture of India and Indochina, Art and Architecture of China and Japan, Art and Architecture of Americas.	L01, L05
Seljuks, Turkish Principalities in Anatolia, Early Ottomans	L02, L03, L05
Renaissance Europe, Rise of the Ottomans	L02, L03, L05
Early Modern Interactions I: Rebirth of Classical Thought in the Western World	
Timurids, Safavids, Ottomans & Mughals in the 17 th century.	L03, L04, L05
Art and Architecture of Europe and Ottomans in the 17 th & 18 th centuries	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH231
İsmi	Mimarlık Tarihi & Kuramı 2
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	4
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Bu ders mimarlığın bir sosyal üretim süreci olduğu ön kabulüyle mimarlığın gelişim hikayesini, toplumların sosyal kültürel ve ekonomik süreçleri ile incelemektedir. Erken modern dönemde (15 ile 18. Yüzyıllar arası) farklı coğrafyalarda ortaya konan sanat ve mimarlığın bağlamını tartışmak ve benzerlik ve özgün yönleri ortaya koymak dersin öncelikli kazanımları arasındadır.

COURSE RECORD

Code	ARCH232
Name	Architectural History & Theory 3
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	4
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	-
Description	Architectural History & Theory III course aims to create a critical point of view over cultures and architectures of the modern times, namely, 19th and 20th century and comprehend the interactions and conflicts of their social environment, technics, and technologies. Architectural and historical backgrounds of the civilizations and ideas are examined to evaluate their formal characteristics in a contextual approach. The course also generates a research environment to discover not only the impressions or expressions and their artifacts, but also the social order, art, and culture of the modern world. It is also aimed to make students aware of the fact that architecture is the product of social, cultural, and political forces and cannot be understood without introducing those issues and studying their place in the civilization or national history being analyzed.
Objectives	Recalling the historical background of the Afro-Eurasian civilizations. Examining the relationship between architectures of civilizations and their cultures in history. Classifying different building techniques and technologies in the modern world (19th and 20th Centuries). Comparing the development process of building technologies and culture.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine how societies and lifestyles define cultures. LO2. Compare the effects of the local characteristics on the development of architecture. LO3. Criticize historical continuity and architectural development. LO4. Determine 'the building' as an architectural artifact formed by social, economic, and cultural aspects. LO5. Create an intellectual opinion and a personal reflection on the history and culture of the architectural discourse.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	5	0	3	5	0	0	0	0	3	5	5
LO2	0	5	0	3	5	0	0	0	0	3	5	5
LO3	0	5	0	3	5	0	0	0	0	3	5	5
LO4	0	5	0	3	5	0	0	0	0	3	5	5
LO5	0	5	0	3	5	0	0	0	0	3	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	4	0	2	0
LO2	4	4	0	4	0	2	0
LO3	4	5	0	4	0	3	0
LO4	4	4	0	4	0	2	0
LO5	3	5	0	4	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Architecture of the 19th Century	LO1, LO2, LO3
Modern Architectures	LO3, LO4, LO5
The Postmodern Architectures	LO3, LO4, LO5

DERS BİLGİLERİ

Kodu	ARCH232
İsmi	Mimarlık Tarihi ve Kuramı 3
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	4
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Bu ders mimarlığın bir sosyal üretim süreci olduğu ön kabulüyle mimarlığın gelişim hikayesini, toplumların sosyal kültürel ve ekonomik süreçleri ile incelemektedir. Modern dönemde (19. ve 20. yüzyıl) farklı coğrafyalarda ortaya konan sanat ve mimarlığın bağlamını tartışmak ve benzerlik ve özgün yönleri ortaya koymak dersin öncelikli kazanımları arasındadır.

COURSE RECORD

Code	ARCH250
Name	Professional Practice on Site
Hour per week	2 (0 Theory + 2 Practice)
Credit	1
ECTS	2
Level/Year	Undergraduate/2
Type	Compulsory
Prerequisites	ARCH122, ARCH221
Description	The Professional Practice on Site aims to provide internship experience at a construction site to understand the roles/responsibilities of an architect during the construction process. It can be carried out in a construction or restoration site, which employs at least one specialist architect or national/international excavation and surface research projects recognized by the Ministry of Culture and Tourism of Republic of Türkiye employing at least one specialist architect. Within the scope of the construction site internship, following the phases of the building construction, drawing as-built projects and conducting survey measurements and drawings, survey studies, quantity surveys, construction project/detail design revisions can be performed under the supervision of the responsible architect of the site.
Objectives	Identifying current construction practices to improve professional capacity and abilities. Using architectural design knowledge in a construction site. Examining the requirements of the construction project by focusing on construction management abilities. Relating the roles of the project owner, contractor, and subcontractor.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the characteristics of the construction sites for improving professional capacity and abilities. LO2. Apply architectural design knowledge to the construction site. LO3. Examine construction management practices. LO4. Identify the relationship between different shareholders of the construction practice.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	3	4	3	5	3	5	3	5	5	4	5
LO2	5	5	5	3	5	5	5	4	5	5	4	4
LO3	4	4	4	5	5	4	3	4	5	5	4	5
LO4	3	4	3	5	5	4	3	4	5	5	4	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	0	0	0	4	2	4
LO2	5	3	0	0	4	3	4
LO3	4	3	0	0	4	3	4
LO4	4	2	0	0	5	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Internship Practice	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCH250
İsmi	Sahada Meslek Pratiği
Haftalık Saati	2 (0 Teori + 2 Pratik)
Kredi	1
AKTS	2
Seviye/Yıl	Lisans/2
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH122, ARCH221
İçerik	Bir mimarın rollerini/sorumluluklarını anlamak amacıyla öğrencinin bir inşaat şantiyesinde staj deneyimi kazanması öngörülmektedir. Staj çalışması, bünyesinde en az bir uzman mimar çalıştıran ve özel nitelikli imalatlar içeren inşaat ve/veya restorasyon şantiyesi ya da T.C. Kültür ve Turizm Bakanlığı tarafından tanınan ve yine bünyesinde en az bir uzman mimar çalıştıran ulusal/uluslararası kazı ve yüzey araştırma projelerinde gerçekleştirilebilir. Şantiye stajı kapsamında yapı uygulama/imalat takibine ek olarak staj sorumlusu mimar tarafından yönlendirilen, as-built/rölöve ölçümleri ve çizimleri, analitik rölöve çalışmaları, keşif/metraj analizleri, uygulama projesi ve detay tasarım ve revizyonları yapılabilir.

COURSE RECORD

Code	ARCH301
Name	Architectural Design 3
Hour per week	10 (4 Theory + 6 Practice)
Credit	7
ECTS	9
Level/Year	Undergraduate/3
Type	Compulsory
Prerequisites	ARCH202
Description	The studio focuses on the re-production of spatial experience at the edge of the urban core. It explores the socio-spatial contradictions between the urban core and the periphery, analyzing how cultural, social, and economic dynamics shape the evolving identity of the city. Students are expected to investigate the tension between these zones and propose new spatial strategies for transitional urban conditions. Within this context, the studio reconsiders public space as a site of interaction and exchange, where multiple user groups negotiate shared presence, access, and identity. Projects are expected to reflect on how spatial configurations foster coexistence, adaptability, and civic engagement in complex urban environments. The course emphasizes the integration of innovative building technologies as active agents in the design process.
Objectives	Describing the socio-cultural dynamics that shape urban form and peripheral development. Examining how spatial configurations mediate public interaction and collective urban experience. Integrating architectural technologies and material strategies into sustainable, context-responsive design thinking. Identifying alternative ways of designing within the urban condition by framing it as a research challenge.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define key socio-cultural and spatial parameters to be used as design inputs in the context of the urban periphery. LO2. Interpret the interactions between society and urban fabric by examining patterns of public use and spatial organization across architectural and urban contexts. LO3. Develop architectural proposals by combining functional, spatial, and programmatic requirements with material and technological strategies in relation to sustainability and constructability. LO4. Evaluate the design process and spatial outcomes through the lens of material, structural, and contextual interactions as a mode of research and inquiry. LO5. Propose context-sensitive design strategies that incorporate the identity of place while responding to urban complexity and transitional conditions. LO6. Create design proposals using diverse visual, spatial, and analytical representation techniques.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	4	4	2	4	2	4	2	5	1	2	2
LO2	3	5	5	3	3	2	4	2	4	1	2	2
LO3	5	3	4	5	5	5	3	3	4	2	2	2
LO4	4	4	4	5	5	5	3	3	3	2	2	2
LO5	4	5	5	4	4	4	5	3	4	2	2	2
LO6	3	3	3	3	2	4	3	5	3	2	2	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	2	4	2	1	1	1
L02	4	4	5	3	1	1	1
L03	5	5	4	1	3	1	2
L04	4	5	2	1	3	1	2
L05	4	5	5	3	3	1	2
L06	3	5	2	1	4	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
City, Culture and Society	L01, L02, L05
Spaces of Interaction and Exchange	L02, L05, L06
Innovative Building Technologies	L03, L04, L06

DERS BİLGİLERİ

Kodu	ARCH301
İsmi	Mimari Tasarım 3
Haftalık Saati	10 (4 Teori + 6 Pratik)
Kredi	7
AKTS	9
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH202
İçerik	Stüdyo, kentsel çekirdeğin kenarında mekansal deneyimin yeniden üretilmesine odaklanır. Kültürel, sosyal ve ekonomik dinamiklerin kentin gelişen kimliğini nasıl şekillendirdiğini analiz ederek kentsel çekirdek ve çevre arasındaki sosyo-mekansal ilişkileri araştırır. Öğrencilerden bu bölgeler arasındaki gerilimi araştırmaları ve geçiş dönemi kentsel koşulları için yeni mekansal stratejiler önermeleri beklenmektedir. Bu bağlamda stüdyo, kamusal alanı, birden fazla kullanıcı grubunun ortak mevcudiyet, erişim ve kimlik üzerinde müzakere ettiği bir etkileşim ve değişim alanı olarak yeniden ele alıyor. Proje önerilerinin mekansal konfigürasyonların karmaşık kentsel ortamlarda bir arada yaşamayı, uyarlanabilirliği ve sivil katılımı nasıl teşvik ettiğini yansıtmaları beklenmektedir. Ders, yenilikçi bina teknolojilerinin tasarım sürecinde aktif ajanlar olarak entegrasyonunu önceler.

COURSE RECORD

Code	ARCH302
Name	Architectural Design 4
Hour per week	10 (4 Theory + 6 Practice)
Credit	7
ECTS	9
Level/Year	Undergraduate/3
Type	Compulsory
Prerequisites	ARCH301
Description	This studio engages an urban problem to read the city as a metropolitan artifact, a layered system where infrastructures, institutions, and everyday practices co-produce form. Students test typology-with-a-twist across trans-scale moves (unit -- building -- block -- district), probing how shifts in type reorganize spatial, social, and environmental performance. Work unfolds between public space and the public sphere, asking how design can catalyze participation, visibility, and common use. Through analytic mapping, strategic programming, and iterative prototyping, students construct arguments, not only objects, using rigorous visualization techniques. The studio addresses metropolitan problems by reframing the cityscape and bridging artifact-fabric interactions, while proposing context-based architectural interventions.
Objectives	Analyzing metropolitan forms and their components and developing clear interactions between the design proposal and the surrounding urban fabric. Operating across scales to test typology-with-a-twist, linking urban dynamics to global metropolitan questions. Establishing operative rules for materials and technologies in the design process, addressing economic, cultural, and environmental sustainability as well as accessibility. Expanding architectural design perspectives and representational capacities, framing alternative design approaches as research-by-design inquiries.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify urban functions as design parameters. LO2. Make use of local-scale urban problems as a basis for solutions to global design questions. LO3. Analyze spatial formation through material-structure and space-place relationships. LO4. Evaluate social and physical aspects of urban form and existing buildings as design inputs. LO5. Create design proposals by using different means of expression.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	4	4	5	2	3	3	3	2	3	1	2	2
L02	4	5	5	3	3	4	5	1	3	1	2	2
L03	5	4	4	4	4	5	3	4	2	1	2	2
L04	4	5	4	4	5	5	4	3	4	1	2	2
L05	4	4	4	3	3	4	4	5	3	1	2	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	3	2	2	1	1	1	0
L02	5	3	5	2	1	1	1
L03	4	4	3	1	2	1	2
L04	4	5	4	1	2	1	3
L05	3	5	2	1	3	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
City as a Metropolitan Artifact	L01, L02, L04
Public Space - Public Sphere	L01, L03, L04
Typology with a Twist / Trans-scale Design	L02, L03, L05

DERS BİLGİLERİ

Kodu	ARCH302
İsmi	Mimari Tasarım 4
Haftalık Saati	10 (4 Teori + 6 Pratik)
Kredi	7
AKTS	9
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH301
İçerik	Bu stüdyo, kenti bir metropoliten yapı olarak okumak amacıyla kentsel bir sorunu ele alır; kenti, altyapılar, kurumlar ve gündelik pratiklerin birlikte biçim ürettiği katmanlı bir sistem olarak değerlendirir. Öğrenciler, tipolojiyi yeniden yorumlayarak (birim – bina – ada – mahalle) ölçekler arasında geçiş yapar ve tipteki değişimlerin mekânsal, toplumsal ve çevresel performansı nasıl dönüştürdüğünü inceler. Çalışmalar, kamusal mekân ile kamusal alan arasında ilerleyerek tasarımın katılımı, görünürlüğü ve ortak kullanımı nasıl harekete geçirebileceğini sorgular. Analitik haritalama, stratejik programlama ve yinelenen prototipleme süreçleri aracılığıyla öğrenciler yalnızca nesneler değil, aynı zamanda güçlü argümanlar da geliştirir; bunu titiz görselleştirme teknikleriyle destekler. Stüdyo, metropoliten sorunları kent manzarasını yeniden çerçeveleyerek ve yapay–dokusal etkileşimler arasında bağ kurarak ele alır; bağlama duyarlı mimari müdahaleler önerir.

COURSE RECORD

Code	ARCH311
Name	Urban Studies
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/3
Type	Compulsory
Prerequisites	ARCH201
Description	The main objective of this course is to provide students with a comprehensive understanding of the tools for analysis, synthesis, planning, and design, which enable the evaluation of urban space through various parameters while addressing a part of the city based on sustainability principles. In this context, the process begins with analysis studies in a selected urban area, and the data obtained from these analyses are used to develop synthesis and massing (zoning) studies for a sub-region. The semester concludes with the transformation of these synthesis decisions into preliminary urban design proposals. This holistic approach allows students to establish a concrete relationship between urban and architectural scales by examining the social, economic, and political processes that affect the production of urban space.
Objectives	Creating consciousness in the (urban) environment. Enhancing design and visual thinking skills in landscape and urbanism. Evaluating the relationship between economic, social, and cultural processes and the production of urban space. Recognizing the relationship between architecture and urban design, landscape architecture, city and regional planning.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> L01. Define the relationship between the categories of the environment, design, place, urbanism, and architecture. L02. Interpret the relationship between the built environment and social and natural environment. L03. Develop a relationship between economic, social, and cultural processes and production of urban space. L04. Evaluate a morphological strategy that ensures a coherent transition between urban planning and architectural scales. L05. Create a theoretical background about urban design, landscape architecture, city and regional planning.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	5	5	4	3	5	3	3	2	5	2	3	5
L02	5	5	5	4	4	4	4	3	5	3	3	3
L03	4	4	4	5	3	4	5	3	4	3	4	5
L04	4	4	5	5	4	4	2	5	3	4	4	3
L05	5	3	5	4	4	4	4	4	5	5	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	3	2	0	4	0	2	0
L02	3	3	0	4	0	2	0
L03	3	4	0	3	0	3	0
L04	3	3	0	4	0	2	0
L05	3	4	0	4	3	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Basic Concepts of Urban Design	L01, L02, L03
Socio-Economic Forces for Design	L03, L04, L05
Design Thinking in Urbanism	L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCH311
İsmi	Kent Çalışmaları
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH201
İçerik	Bu dersin temel amacı, öğrencilere bir kent parçasını sürdürülebilirlik ilkeleri doğrultusunda ele alırken; kentsel mekânı birçok farklı parametreyle değerlendirmeyi sağlayan analiz, sentez, planlama ve tasarım araçlarını kapsamlı bir şekilde kavratmaktır. Bu kapsamda süreç, seçilen bir kentsel alanda analiz çalışmaları ile başlar, bu analizlerden elde edilen verilerle bir alt bölge için sentez ve leke çalışmaları geliştirilir. Dönem, bu sentez kararlarının öncül kentsel tasarım önerilerine dönüştürülmesiyle tamamlanır. Bu bütünsel yaklaşım, öğrencilerin kentsel mekân üretimini etkileyen sosyal, ekonomik ve politik süreçleri inceleyerek kentsel ve mimari ölçekler arasında somut bir ilişki kurmasını sağlar.

COURSE RECORD

Code	ARCH332
Name	Conservation Theory & Practice
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/3
Type	Compulsory
Prerequisites	ARCH202, ARCH222
Description	Conservation Theory course intends to create a critical point of view about cultural heritage. In addition to the historic development of contemporary conservation theory, the course will focus on national and international case studies to discuss how research and architectural design interacts with heritage. The practical part of the course intends to teach basic classical and contemporary ways of documenting architectural and urban heritage and will include a case study consisting of fieldwork (survey, documentation) and architectural research. In addition, it is aimed to prepare a survey, restitution, and conservation project according to the current legislation in Türkiye.
Objectives	Discussing the conceptual and contextual evolution of cultural heritage preservation from Antiquity to our day. Instituting a critical framework to discuss the reflections of architectural preservation theory and principles on the approaches and implementations illustrated by case studies from Türkiye and abroad. Arguing international and national criteria through declarations, charters, principles, legislation, and other related texts. Applying the documentation of architectural heritage, including the preparation of survey/documentation, restitution, restoration, and urban scale projects.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify the basics of conceptual and contextual evolution of cultural heritage preservation from Antiquity to our day. LO2. Determine cultural heritage values in various scales. LO3. Discuss the roles of main international charters in the field of cultural heritage preservation. LO4. Examine architectural survey and documentation. LO5. Analyze a historical building/environment. LO6. Develop a conservation project in building/urban scale.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	0	3	0	4	5	0	4	0	0	3	0	5
LO2	0	3	0	4	5	0	4	0	0	3	0	5
LO3	0	3	0	4	5	0	4	0	0	3	0	5
LO4	0	3	5	4	5	0	4	0	0	3	0	5
LO5	0	3	0	4	5	0	4	0	0	3	0	5
LO6	0	3	0	4	5	0	4	0	0	3	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	0	0	3	0
LO2	4	3	3	0	0	3	2
LO3	3	3	3	4	0	4	4
LO4	4	2	0	0	3	3	2
LO5	4	4	3	0	3	3	3
LO6	5	5	4	0	4	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
The Development of Conservation Notion and Theory	L01, L02, L03
Historic Buildings as Heritage	L04
Preparation of Conservation Project of a Historic Building: Survey and Documentation of a Selected Building	
Traditional Materials and Construction Techniques and Material Decay: Material and Decay Analyses of Documented Building	L04, L05
Conservation Techniques: Development of Intervention Proposals for Documented Building	L03, L05, L06
Urban Site as Heritage and Conservation of Historic Urban Sites: Development of Rehabilitation Proposal for the Environment of Selected Building	L05, L06

DERS BİLGİLERİ

Kodu	ARCH332
İsmi	Koruma Teorisi & Uygulaması
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH202, ARCH222
İçerik	Koruma Teorisi dersi, kültürel miras hakkında eleştirel bir bakış açısı oluşturmayı amaçlamaktadır. Çağdaş koruma teorisinin tarihsel gelişimine ek olarak, ders, araştırma ve mimari tasarımın mirasla nasıl etkileşime girdiğini tartışmak için ulusal ve uluslararası vaka çalışmalarına odaklanacaktır. Dersin uygulamalı kısmı, mimari ve kentsel mirasın belgelenmesinin temel klasik ve çağdaş yollarını öğretmeyi ve alan çalışması (rölöve, belgeleme) ve mimari araştırmadan oluşan bir örnek çalışmayı amaçlamaktadır. Ayrıca, Türkiye'deki mevzuata göre bir rölöve, restitüsyon ve restorasyon projesi hazırlanması hedeflenmektedir.

COURSE RECORD

Code	ARCH350
Name	Professional Practice in Architectural Offices
Hour per week	2 (0 Theory + 2 Practice)
Credit	1
ECTS	3
Level/Year	Undergraduate/3
Type	Compulsory
Prerequisites	ARCH222, ARCH301
Description	The Professional Practice in Architectural Offices aims to provide internship experience in an architectural office to understand the roles and responsibilities of an architect. The students are expected to take part in a short-term project as a design assistant, such as a competition project, carried out in an office environment, and to follow the overall design process. The production of the construction drawings and detail designs can be part of the office internship. Also, restitution, restoration, and architectural design projects within the scope of restoration and re-functioning projects carried out in specialized architectural offices producing restoration projects, and historical research/comparison studies for restitution projects can be evaluated within this internship. However, the office internships carried out in building inspection offices, drawing as-built projects, preparing quantity surveys, construction project/detail design revisions for an on-going construction, and conducting survey measurements and drawings will not be accepted in the context of architectural office profession practice.
Objectives	Recognizing the current architectural design practice for improving professional capacity and abilities. Using architectural design knowledge in an architectural office. Examining the requirements of the architectural design process by focusing on project management abilities. Relating the roles of the shareholders of the design practice from different specializations.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the characteristics of architectural offices for improving professional capacity and abilities. LO2. Apply architectural design knowledge to professional design practice. LO3. Examine project management practices. LO4. Identify the relationship between different shareholders of the design practice.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	3	4	3	5	3	5	3	5	5	4	5
LO2	5	5	5	3	5	5	5	4	5	5	4	4
LO3	4	4	4	5	5	4	3	4	5	5	4	5
LO4	3	4	3	5	5	4	3	4	5	5	4	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	1	0	0	4	2	4
LO2	5	4	0	0	4	3	4
LO3	4	3	0	0	4	3	4
LO4	4	2	0	0	5	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Internship Practice	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCH350
İsmi	Mimarlık Ofislerinde Meslek Pratiği
Haftalık Saati	2 (0 Teori + 2 Pratik)
Kredi	1
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH222, ARCH301
İçerik	Bir mimarın rollerini/sorumluluklarını anlamak amacıyla öğrencinin bir mimari ofiste staj deneyimi kazanması öngörülmektedir. Öğrencinin, büro ortamında gerçekleştirilen yarışma projesi gibi kısa süreli bir avan projede tasarım yardımcısı olarak yer alması ve süreci takip etmesi beklenmektedir. Büro stajının bir bölümünde uygulama projesi ve detay tasarımı ve çizimi yapılabilir. Ayrıca, restorasyon projesi üreten uzman mimarlık ofislerinde gerçekleştirilen restorasyon ve yeniden işlevlendirme projeleri kapsamındaki restitüsyon, restorasyon ve mimari tasarım projeleri ile restitüsyona yönelik tarihi araştırma/karşılaştırma çalışmaları da bu kapsamda değerlendirilebilir. Ancak büro tarafından yürütülmekte olan şantiyelere ait uygulama projesi ve detay revizyonları ile as-built/rölöve ölçümleri ve çizimleri, analitik rölöve çalışmaları, keşif/metraj analizleri staj kapsamında kabul edilmeyecektir. Ayrıca, yapı denetim ofisleri ve/veya kazı ve yüzey araştırması projelerinde yapılacak mesleki staj çalışmaları da bu kapsamda kabul edilmeyecektir.

COURSE RECORD

Code	ARCH401
Name	Architectural Design 5
Hour per week	8 (2 Theory + 6 Practice)
Credit	5
ECTS	8
Level/Year	Undergraduate/4
Type	Compulsory
Prerequisites	ARCH302
Description	This studio focuses on developing architectural proposals in relation to the built environment shaped by historical, social, and cultural layers. Students begin by reading, interpreting, and evaluating these layered conditions at the given site to understand how existing structures and spatial organizations frame contemporary design possibilities. Through this process, they critically engage with ideas of continuity, rupture, attachment, and detachment. The course encourages students to explore alternative spatial strategies that respond to context while articulating new architectural expressions.
Objectives	Enhancing architectural design thinking through research by design and iterative inquiry. Engaging with spatial, historical, and social characteristics of the site through critical analysis. Synthesizing contextual parameters into integrated and responsive architectural design proposals. Integrating materials, structural systems, and building technologies with consideration of sustainability and accessibility.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define key socio-cultural and spatial parameters to be used as design inputs in transforming the built environment. LO2. Interpret the interactions between society and urban fabric by examining patterns of public use and spatial organization across architectural and urban contexts. LO3. Develop sustainable architecture solutions by integrating functional, spatial, and programmatic needs with material and technological strategies, positioning the design process itself as research by design. LO4. Propose context-sensitive design strategies that incorporate the identity of place while responding to urban complexity and transitional conditions. LO5. Create design proposals using diverse visual, spatial, and analytical representation techniques.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	4	4	3	3	5	3	5	2	4	1	2	2
L02	3	5	4	3	4	2	5	2	5	1	2	2
L03	5	4	4	5	5	5	3	3	3	2	2	2
L04	5	5	5	4	4	4	5	3	5	2	2	2
L05	3	3	3	3	2	4	3	5	3	2	2	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
L01	4	2	3	2	1	1	1
L02	4	4	5	3	1	1	1
L03	5	5	4	1	3	1	2
L04	4	5	5	3	3	1	2
L05	3	5	2	1	4	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Re-Thinking the Built-Environment	L01, L02, L04
Attach/Detach: Framing a Design Position	L02, L04, L05
Alternatives of Space	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH401
İsmi	Mimari Tasarım 5
Haftalık Saati	8 (2 Teori + 6 Pratik)
Kredi	5
AKTS	8
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH302
İçerik	Bu stüdyo; tarihsel, sosyal ve kültürel katmanlarla şekillenmiş yapıyı çevreye odaklanarak, bu bağlamla ilişki kuran mimari tasarım önerileri geliştirmeyi amaçlar. Öğrenciler, belirlenen proje alanındaki katmanlı yapıyı okuyup yorumlayarak, mevcut yapıların ve mekânsal organizasyonların çağdaş tasarım olanaklarını nasıl etkilediğini analiz ederler. Bu süreçte, süreklilik, kopuş, eklemleme ve ayrışma gibi kavramlarla eleştirel bir ilişki kurmaları beklenir. Ders, öğrencileri bağlama duyarlı alternatif mekânsal stratejiler geliştirmeye ve bu stratejiler aracılığıyla yeni mimari anlatımlar üretmeye teşvik eder.

COURSE RECORD

Code	ARCH402
Name	Architectural Design 6/Capstone
Hour per week	8 (2 Theory + 6 Practice)
Credit	5
ECTS	8
Level/Year	Undergraduate/4
Type	Compulsory
Prerequisites	ARCH401, ARCH2XX
Description	This capstone studio focuses on articulating an architectural proposal through research by design inquiry into urban form. Emphasizing design as a method of investigation, students are expected to formulate critical design questions grounded in the complexities of contemporary urban life. The course prioritizes engagement with global challenges through context-specific architectural strategies. Students are encouraged to generate original, future-oriented design solutions that integrate advanced technologies and contribute to broader spatial and societal discourses. The studio promotes self-directed inquiry, exploratory thinking, and alternative forms of architectural inquiry through an iterative and flexible critique structure.
Objectives	Positioning architecture as a transformative practice that responds to complex urban, social, and environmental challenges. Examining urban dynamics and interpreting them through global frameworks and contemporary spatial concerns. Investigating how locally grounded architectural strategies can generate global impact through context-sensitive and innovative design thinking. Framing architectural design as a research-based process that enables critical inquiry, synthesis, and knowledge production by enabling students to formulate their own design agendas within a collectively defined thematic framework.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Analyze the relationship between function, need, space, and place to construct an architectural program. LO2. Criticize the interactions between society and urban fabric to develop context-sensitive and socially responsive design strategies. LO3. Develop spatial solutions through the integration of material systems, construction logic, and contextual understanding within research by design framework. LO4. Formulate innovative architectural approaches that address local conditions while responding to global challenges. LO5. Create expressive design outputs using a range of visual and analytical tools suited to complex urban conditions.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	4	5	3	3	3	3	3	3	2	3	2
LO2	4	5	4	4	4	4	5	3	4	2	3	3
LO3	5	4	4	5	5	5	4	4	3	2	3	2
LO4	5	5	5	5	4	5	5	4	4	2	3	3
LO5	4	5	4	4	3	4	4	5	3	2	3	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	4	4	2	1	2	1	1
LO2	4	5	5	2	3	2	3
LO3	5	5	3	1	4	2	2
LO4	5	5	5	3	4	2	3
LO5	3	5	2	1	4	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Design Impact	L01, L02, L03
Urban Fabric and Memory	L02, L03, L04
Architectural Technology	L03, L04
Promoting Architectural Design	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH402
İsmi	Mimari Tasarım 6/Bitirme Projesi
Haftalık Saati	8 (2 Teori + 6 Pratik)
Kredi	5
AKTS	8
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH401, ARCH2XX
İçerik	Bu bitirme stüdyosu, kentsel form üzerine araştırmaya dayalı bir süreç aracılığıyla mimari bir öneri geliştirmeye odaklanır. Tasarımı bir araştırma yöntemi olarak ele alan stüdyo, öğrencilerden çağdaş kentsel yaşamın karmaşıklıkları doğrultusunda eleştirel tasarım soruları geliştirmeleri beklenir. Ders, küresel sorunlarla bağlama özgü mimari stratejiler üzerinden ilişki kurmaya öncelik verir. Öğrencilerin, ileri teknolojileri bütünleştiren, özgün ve geleceğe yönelik tasarım çözümleri üretmeleri; aynı zamanda bu çözümlerle daha geniş mekânsal ve toplumsal tartışmalara katkıda bulunmaları teşvik edilir. Stüdyo, öğrencilerin kendi yönlendirdikleri araştırmaları, keşifçi düşünme biçimlerini ve alternatif mimari sorgulama yöntemlerini, esnek bir eleştiri yapısı içinde destekler.

COURSE RECORD

Code	ARCH421
Name	Building Technologies
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/4
Type	Compulsory
Prerequisites	ARCH222, ARCH224
Description	“Building Technologies” course is structured on the themes “Environmental Control” and “Environmentally Responsible Architecture”. The significant contribution of the course is to equip the students to conduct research and design on the fundamentals of building technologies and their application to buildings. The “Environmental Control” module mainly tackles energy efficiency, fire safety, lighting design, acoustic design, and sanitary installation issues focusing on the current technological advances and innovations in the construction industry. The importance of the integrated and inter- and transdisciplinary collaborations are also part of these discussions. During the “Environmentally Responsible Architecture” module, the current issues considered critical for the built and natural environment are discussed through environmentally responsible architecture and green building envelopes subjects.
Objectives	Explaining the building service system design principles and architects' responsibilities for the design process. Analyzing the legislation on building and construction. Defining critical topics for the built environment focusing on the environmental responsibilities of the building industry. Assembling innovative and sustainable building technologies into the built environment through design.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the requirements of building service systems by focusing on the importance of interdisciplinary studies and architects' responsibilities. LO2. Identify the design and construction process decisions based on the national and international regulations and standards. LO3. Examine the environmental control requirements of buildings by focusing on the interactions between natural and built environment. LO4. Select the appropriate technological solutions and innovations for a specific design problem. LO5. Develop detailed drawings and models showing the design decisions on the building service and building element systems.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	5	4	4	5	3	3	5	2	5	4	5	3
L02	5	3	5	5	2	3	4	5	5	4	5	3
L03	5	3	3	5	3	4	4	2	5	3	5	3
L04	5	3	3	5	3	3	5	2	5	3	5	3
L05	5	4	5	4	3	4	4	5	5	5	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	2	2	0	3	2	3
L02	4	3	3	2	2	3	3
L03	4	3	4	0	3	2	2
L04	5	5	4	0	4	3	2
L05	5	4	3	0	4	4	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Environmental Control Systems	L01, L03
Environmentally Responsible Architecture	L03, L04
Performance Analyses on Environmental Control Systems	L02
Building Service Systems Designs	L03, L04, L05
Building Envelope Design	L03, L04, L05
Building Envelope Model-Making	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCH421
İsmi	Yapı Teknolojileri
Haftalık Saati	2 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH222, ARCH224
İçerik	“Yapı Teknolojileri” dersi “Çevre Kontrolü” ve “Çevreye Duyarlı Mimarlık” temaları üzerine yapılandırılmıştır. Dersin önemli katkısı, öğrencileri yapı teknolojilerinin temelleri ve bunların binalara uygulanması konusunda araştırma ve tasarım yapabilecek şekilde donatmaktır. “Çevresel Kontrol” modülü temel olarak inşaat sektöründeki güncel teknolojik gelişmelere ve yeniliklere odaklanarak enerji verimliliği, yangın güvenliği, aydınlatma tasarımı, akustik tasarım ve sıhhi tesisat konularını ele almaktadır. Bütünleşik, disiplinler arası ve disiplinler arası iş birliklerinin önemi de bu tartışmaların bir parçasıdır. “Çevreye Duyarlı Mimarlık” modülünde, yapı ve doğal çevre için kritik olduğu düşünülen güncel konular, çevreye duyarlı mimarlık ve yeşil bina kabuğu konuları üzerinden tartışılmaktadır.

COURSE RECORD

Code	ARCH422
Name	Professional Practice & Ethics
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/4
Type	Compulsory
Prerequisites	ARCH401, ARCH2XX
Description	The course will focus on the ethical issues and different kind of practices of the architecture as a profession in different phases of the building production process. First, ethical issues related to architecture will be discussed. Then, every aspect of the architecture profession will be discussed through real-life examples by analysing and discussing their relations with the ethical rules.
Objectives	Explaining the ethical issues on the architectural practice. Discussing different practices of architecture, as a profession. Discussing ethical issues with the different practices of architecture.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the importance of the ethical issues related to architecture. LO2. Examine different practices of architecture as a profession. LO3. Identify ethical issues with the different practices of architecture. LO4. Develop individual design praxis through experiences.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	2	4	2	2	2	2	1	2	5	3	5	5
L02	3	3	3	4	4	2	2	2	5	3	5	5
L03	3	3	3	4	4	2	2	2	5	3	5	5
L04	5	5	5	5	5	5	2	5	5	5	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	2	3	2	1	1	2	5
L02	4	3	2	1	2	2	4
L03	3	4	2	1	2	2	5
L04	3	4	0	0	4	1	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Professional Practice and Ethics	L01, L02, L03
Different Practices of Architecture	L02, L03
Practice with an Architectural Project	L04

DERS BİLGİLERİ

Kodu	ARCH422
İsmi	Mesleki Uygulama & Etik
Haftalık Saati	3 (1 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	ARCH401, ARCH2XX
İçerik	Ders, yapı üretim sürecinin farklı aşamalarında bir meslek olarak mimarlığın etik sorunlarına ve farklı türdeki uygulamalarına odaklanacaktır. İlk olarak mimarlıkla ilgili etik konular tartışılacaktır. Ardından mimarlık mesleğinin her yönü, etik kurallarla ilişkileri analiz edilerek ve tartışılarak gerçek hayattan örnekler üzerinden deneyimleme yöntemi ile sürdürülecektir.

COURSE RECORD

Code	CP100
Name	Career Planning
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	1
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	This course aims to make it possible for students to be employed in suitable fields based on their education and skills while creating the creation of career awareness in the early period of higher education. Furthermore, it aims to raise awareness about the expectations and dynamics of business life and to enable help students to develop personal and professional skills. Career Planning provides information about different sectors, to develop students' skills, as well as to get to know the tools they can use.
Objectives	Increasing awareness about the importance of career planning in the preparation process for the professional world. Discovering their competencies and to understand the expectations of the professional world correctly. Developing their knowledge and skills in line with the requirements of the relevant sectors.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain career center activities. LO2. Identify options for career development. LO3. Apply the necessary skills for effective communication. LO4. Discuss the importance of professional relationship networks. LO5. Determine the support units at the university. LO6. Identify the effective use of necessary resources for their career.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	1	0	1	0	0	0	0	0	1	3	0
LO2	0	2	0	2	0	2	0	0	1	2	4	0
LO3	0	2	0	0	0	3	0	0	0	4	4	4
LO4	0	3	0	2	0	3	0	0	2	4	4	3
LO5	0	3	0	0	0	0	0	0	0	2	3	0
LO6	0	0	0	0	0	3	0	0	0	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	0	0	0	0	3	2	3
LO2	1	2	0	1	5	2	3
LO3	0	1	0	1	3	5	3
LO4	0	1	0	1	4	4	4
LO5	0	0	0	0	3	1	1
LO6	1	2	0	2	5	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
What is the Career?	L01, L02
What are the Concepts of Intelligence, Personality, Knowledge, Skill, Talent, and Competence?	L03, L02
Basic Communication Skills, Diction and Body Language	L02
Soft Skills	L02
National and International Exchange Programs	L05, L06
Sector Days: NGOs, Public, Private Sectors, SME, Academy etc.	L04, L06
Effective Interview Techniques	L01, L04, L06
Resume and Cover Letter Preparation	L01, L04, L06

DERS BİLGİLERİ

Kodu	CP100
İsmi	Kariyer Planlama
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	1
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Bu ders, öğrencilerin yükseköğretimin erken döneminde kariyer bilincinin oluşturulmasını sağlarken, eğitim ve becerilerine göre uygun alanlarda istihdam edilmelerini sağlamayı amaçlamaktadır. Ayrıca, iş hayatının beklenti ve dinamikleri hakkında farkındalık yaratmayı, öğrencilerin kişisel ve mesleki becerilerini geliştirmelerine yardımcı olmayı amaçlamaktadır. Kariyer Planlama, öğrencilerin becerilerini geliştirmek ve kullanabilecekleri araçları tanımak için farklı sektörler hakkında bilgi sağlar.

COURSE RECORD

Code	MATH150
Name	Calculus
Hour per week	4 (4 Theory + 0 Practice)
Credit	4
ECTS	5
Level/Year	Undergraduate/1
Type	Compulsory
Prerequisites	-
Description	Course focuses on the differential and integral part of single variable Calculus. Properly it aims to create an awareness of functions occurring around us, to provide the learners to see the hidden mathematics in life and to guide them in the analyses and use of these functions by using differentiation and integration. Course covers the following topics: limits and continuity, differentiation, integration, application of definite integral, integral and transcendental functions and techniques of integration.
Objectives	Providing fundamental knowledge and skills to analyze the behavior of a single variable function in every aspect Constructing theoretical and conceptual understanding of essential mathematical tools to study single variable calculus. Developing the ability of using the notions and tools of basic mathematics to recognize and analyze a problem deduced from real life/nature and offering solutions to these problems by applying relevant computation and analysis techniques.
Learning Outcomes	<i>By the end of this course, students will be able:</i> LO1. Comprehend the concepts of limits and continuity of single variable functions. LO2. Establish the theoretical understanding of derivative of a function and build the geometric interpretation of it and to calculate the derivative of a given function. LO3. Sketching a detailed graph of a function. LO4. Apply derivative rules to optimize a given source. LO5. Calculate the integral of a given function by using different techniques. LO6. Apply integration to find the area under a curve, to find length of a curve and to calculate the volume and surface area of the solid.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	3	0	4	0	2	0	0	0	0	0	0
LO2	4	4	0	4	0	0	0	0	0	0	2	0
LO3	4	4	3	3	0	3	0	0	0	0	0	0
LO4	4	4	0	4	0	0	0	0	0	0	3	0
LO5	4	3	0	0	0	0	0	0	0	0	0	0
LO6	3	4	2	4	0	3	0	0	0	0	3	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Limit, Continuity, Definition of derivative	LO1, LO2
Derivative, Chain rule	LO2
Derivative, Implicit Differentiation	LO2
Related Rates, Extreme Values of Functions	LO2, LO4
Concavity and Curve Sketching	LO3
Applications of derivatives, Finite Sums, Sequences and Series	LO4, LO5, LO6
Integral, The Fundamental Theorem of Calculus, Area Between Curves	LO1, LO5, LO6
Volumes, Arc Length	LO5, LO6
Plane curves, Polar coordinates, Some special functions	LO6

DERS BİLGİLERİ

Kodu	MATH150
İsmi	Matematik
Haftalık Saati	4 (4 Teori + 0 Pratik)
Kredi	4
AKTS	5
Seviye/Yıl	Lisans/1
Dersin Dili	İngilizce
Tip	Zorunlu
Ön Şart	-
İçerik	Ders, düzgün, çevremizdeki fonksiyonlar hakkında farkındalık yaratmaya, öğrencilere matematiği günlük hayatlarını bir parçası olarak farkındalık yaratarak çeşitli işlevlerin analizlerinde ve kullanımına rehberlik etmeyi amaçlamaktadır. Ders, şu konuları kapsamaktadır: sınırlar ve süreklilik, farklılaşma, entegrasyon, kesin integral uygulaması, integral ve kesi fonksiyonlar ve entegrasyon teknikleri.

COURSE RECORD

Code	ARCA101
Name	Experimental Design Studio
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	This course teaches students how to use experimental design to solve interdisciplinary design problems and create industrial products that meet user requirements and context. It is focused on not only a design process but also its technical and application project/process requirements. Students in the course will design an industrial product according to a given concept. The concept changes each semester to ensure that students are exposed to a variety of design challenges.
Objectives	Discussing the relations between industrial product design, users, and context. Interpreting ideas through necessary illustrations and architectural drawings through design process. Examining interdisciplinary study during a design process. Analyzing the behaviors of different materials to produce a design and different production techniques of a design with details.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Examine the human dimensions and ergonomics and the relations of the design with the user. LO2. Interpret diverse user scenarios as an input during the design process. LO3. Create architectural drawings and sketches expressing design ideas. LO4. Propose a design regarding its relations with its context through critical thinking. LO5. Make use of suitable materials during the design process for prototype of the design and realizing process of it.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	4	4	0	0	4	0	0	0	0	0	3
LO2	0	4	4	0	0	4	0	5	0	0	0	3
LO3	0	4	4	0	0	4	0	5	0	0	0	3
LO4	0	4	4	0	0	4	0	0	0	0	0	3
LO5	0	4	4	0	0	4	0	5	0	0	0	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	1	0	3	2	1
LO2	4	4	2	1	4	3	1
LO3	3	4	0	0	4	5	1
LO4	5	5	3	1	5	3	2
LO5	5	4	2	0	4	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Design Problem Exploration	LO1, LO2
Initial Idea Development	LO1, LO2
Design Concept Development	LO3, LO4
Form Development	LO3, LO4
Model Making	LO3, LO5
Prototyping	LO3, LO4, LO5
Production Detailing	LO3, LO4, LO5

DERS BİLGİLERİ

Kodu	ARCA101
İsmi	Deneyisel Tasarım Stüdyosu
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Ders, disiplinler arası tasarım problem çözme ile ilgili olarak deneyisel tasarım ve profesyonel uygulama sürecine dayanmaktadır. Sadece bir tasarım sürecine değil, aynı zamanda teknik ve uygulama proje/süreç gereksinimlerine de odaklanmaktadır. Dersin amacı, AGÜ Kampüsü'nde çevre kimliği ile bütünleşerek kullanıcı merkezli bir şehir mobilyası tasarlamaktır. Kullanıcı gereksinimleri ve bağlam, tasarım sürecinin tüm aşamalarında girdi olarak kullanılır.

COURSE RECORD

Code	ARCA102
Name	Digital Design & Robotics
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	Studio course is geared to provide the students with cognitive and practical ability in digital design and digital fabrication including robotic and CNC production. Through reading, presentations and experimenting design methods such as tiling, algorithmic problem solving, cognitive models and generative modelling, design students will experience algorithmic methodologies as a part of the design process. The course is based on learning by presentation, computation and making that will be run in group projects. The course will run with group exercises both in manual and computational oriented making projects. In these projects digital processes will include CNC milling, 3D optic scanning and robotic production.
Objectives	Expanding perspectives on design in the 21st century, examining built form and the natural environment holistically as a singular ecology. Experiencing design thinking based on research and scientific method integrating one to one making with CAM/BIM. Experiencing differences between materials and technologies in the design and construction process. Generating structural and architectural strategies based on 3D tiling.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine computational mode of thinking and parametric mode of operandi. LO2. Make use of digital design methods, CNC, and other modelling methods to develop increasingly advanced skills. LO3. Evaluate the contributions of appropriate construction material and assembly methods to different geometries. LO4. Construct models of their research by design.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	4	4	0	5	3	0	0	0	0	0
LO2	4	5	4	5	0	3	3	3	0	4	0	3
LO3	5	5	4	5	3	3	5	0	0	0	4	4
LO4	5	5	5	5	0	4	5	5	0	4	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	4	0	0	3	2	0
LO2	5	5	0	0	5	3	1
LO3	4	4	1	0	4	3	2
LO4	5	5	1	0	5	4	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Mathematical and Algorithmic Interpretation: Outline Basics of Mathematical and Algorithmic Ideas of Structure and Form	LO1, LO2
Geometric Ideas of Form; Singular, Polygonal, Patterns, Tiling	LO1, LO2, LO3
Programmatic Design, Generative Design Processes	LO2, LO3, LO4
Development of the Program & Visual Coding	LO2, LO3, LO4
Promoting Design Idea and Fabrication	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCA102
İsmi	Dijital Tasarım & Robotik
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Ders öğrencileri sayısal tasarım ve üretim teknolojilerinde gerekli pratik ve bilişsel deneyim kazandırmaya yöneliktir. Okuma, sunumlar ve tasarım yöntemlerinin deneyimlenmesi ile öğrenciler algoritmik yöntemler içeren tasarım süreçleri, problem çözümü, bilişsel modelleme, soyutlama ve üretken modelleme ile tanışacaklardır. Ders grup projeleri ve sunumları ile sürdürülecek hem el ile hem de hesaplamalı yöntemlerle üretim ve imalat egzersizleri ile mimari tasarım ve üretime dair ileri teknik ve teknolojileri tanıyacak ve deneyimleyecektir. CNC frezeleme, 3d optik tarama ve robotlu üretim içeren projeler ile öğrenciler yazılım ve kodlama ile mimaride sayısal tasarım ve üretim teknolojilerinin kapsam ve fırsatları konusunda deneyim ve bilgi sahibi olacaklardır.

COURSE RECORD

Code	ARCA103
Name	Urban Design Competitions
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	This course explores the culture, process, and significance of urban design competitions as a means of shaping contemporary cities. Through case studies, lectures, and studio-based exercises, students will engage with real and hypothetical competition briefs to understand how urban design ideas are developed, communicated, and evaluated within competitive frameworks. The course will also address the role of competitions in public policy, architectural discourse, and professional practice.
Objectives	Understanding the historical, theoretical, and practical significance of urban design competitions in shaping cities. Analyzing competition briefs to identify design challenges, objectives, and evaluation criteria. Developing innovative urban design strategies in response to real or simulated competition scenarios. Communicating design ideas effectively through visual, verbal, and written representation techniques suitable for competition submissions.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret urban design competition briefs using theoretical and practical knowledge. LO2. Develop urban design proposals by integrating multi-scalar and interdisciplinary thinking. LO3. Present design ideas using appropriate visual and verbal representation techniques. LO4. Evaluate existing competition entries and personal design strategies critically and creatively.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	3	2	2	1	3	2	2	1	1	2	2
LO2	3	4	5	5	3	4	4	3	2	2	2	2
LO3	2	2	3	2	1	3	2	5	1	3	2	5
LO4	3	5	3	3	2	5	4	3	2	2	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	3	2	1	3	3	2
LO2	5	5	3	1	4	3	2
LO3	3	2	1	0	4	5	2
LO4	4	5	2	1	4	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Introduction to Urban Design Competitions	LO1
Actors and Institutions in Urban Design Competitions	LO1, LO4
Reading Competition Briefs	LO1
Urban Design Methodologies for Competitions	LO2, LO4
Presentation Techniques	LO3
Case Studies	LO1, LO4
Urban Design Competition Participation and Proposal Development	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCA103
İsmi	Kentsel Tasarım Yarışmaları
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans 4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Bu ders, kentsel tasarım yarışmalarının kültürünü, sürecini ve çağdaş şehirlerin şekillendirilmesindeki önemini incelemektedir. Vaka çalışmaları, dersler ve stüdyo tabanlı egzersizler aracılığıyla öğrenciler, gerçek ve varsayımsal yarışma şartnameleri üzerinde çalışarak, kentsel tasarım fikirlerinin nasıl geliştirildiğini, iletildiğini ve rekabetçi çerçeveler içinde nasıl değerlendirildiğini anlamaya çalışacaklardır. Ders ayrıca, yarışmaların kamu politikası, mimarlık söylemi ve profesyonel uygulamadaki rolünü de ele alacaktır.

COURSE RECORD

Code	ARCA104
Name	Design Fabrication
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	The course is based on design fabrication and its professional application process, in related to interdisciplinary design problem solving. It is focused on not only the design process but also its technical project and construction requirements. The aim of the course is to design and construct landscape and city furniture. User requirements and context are used as an input during all stages of the design process.
Objectives	Discussing relations of the landscape and city furniture with its context. Comprehending interdisciplinary study during a design process. Examining the behaviors of different materials to produce a design. Practicing different production techniques of a design with details.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain diverse user scenarios as an input during the design process. LO2. Compose relations with other professions when designing as a basis for the realization process. LO3. Predict the appropriate material for application of the design. LO4. Design technical details during realizing process of a design project.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	4	4	4	0	5	3	0	0	0	0	0
LO2	4	5	4	5	0	3	3	3	0	4	0	3
LO3	5	5	4	5	3	3	5	0	0	0	4	4
LO4	5	5	5	5	0	4	5	5	0	4	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	2	1	3	2	1
LO2	5	4	2	0	5	3	3
LO3	5	4	2	0	4	2	2
LO4	5	5	3	0	5	4	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Analyzing the Design Problem and Place	LO1
Synthesizing the Design Problem	LO1, LO2, LO3
Discussing the Possibilities	LO1, LO2, LO3
Conceptualizing Architectural Design Idea	LO2, LO3
Developing Architectural Design and Technology	LO2, LO3
Promoting Architectural Design Idea	LO3, LO4
Drawing Technical Details	LO3, LO4
Constructing the Design on Site	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCA104
İsmi	Tasarım Üretimi
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Ders, disiplinler arası tasarım problem çözme ile ilgili olarak tasarım üretimine ve profesyonel uygulama sürecine dayanmaktadır. Sadece bir tasarım sürecine değil, aynı zamanda teknik proje ve inşaat gereksinimlerine de odaklanmaktadır. Dersin amacı, peyzaj ve şehir mobilyaları tasarlamak ve inşa etmektir. Kullanıcı gereksinimleri ve bağlam, tasarım sürecinin tüm aşamalarında girdi olarak kullanılır.

COURSE RECORD

Code	ARCA105
Name	Design Practices Studio
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	This course deals with design problems at different scales with an interdisciplinary approach. It focuses not only on the design process, but also on the technical details and implementation processes. The aim of the course is to contribute to the implementation of the projects and solution proposals to be developed through various collaborations and to realize university-industry/public institutions/NGO cooperation in possible conditions and scales.
Objectives	Discussing the relations of design elements with its context (urban, architectural, industrial/product scale). Understanding interdisciplinary study during a design process. Analyzing the behaviors of different materials and production techniques of a design. Making experience through learning by doing.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret diverse user scenarios as an input during the design process. LO2. Propose a design regarding its relations with its context through critical thinking. LO3. Examine the human dimensions and ergonomics and the relations of the design with the user. LO4. Make use of the suitable materials during design process for prototype/mock-up of the design and realizing process of it. LO5. Create relationship with other professions when designing as a basis for realization process.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	5	0	0	0	4	3	0	0	0	0	0
LO2	4	5	4	3	4	5	4	4	4	0	3	3
LO3	2	0	0	0	0	0	0	0	0	3	3	2
LO4	2	0	0	3	4	3	2	4	4	0	0	0
LO5	2	0	0	4	0	4	2	0	4	4	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	3	1	0	3	2	0
LO2	5	5	3	0	4	3	0
LO3	3	2	1	0	3	2	0
LO4	5	4	2	0	4	3	0
LO5	5	3	3	0	5	4	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Analyzing the Design Problem within the Context	LO1, LO2, LO3
Synthesizing the Design Problem	LO1, LO2, LO3
Initial Ideas/Conceptual Design	LO2, LO3, LO4
Developing Design Ideas and Technical Details	LO3, LO4, LO5
Prototype/Mock-up	LO4, LO5

DERS BİLGİLERİ

Kodu	ARCA105
İsmi	Tasarım Uygulamaları Stüdyosu
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Bu ders farklı ölçeklerde tasarım problemlerini interdisipliner bir yaklaşımla ele almaktadır. Sadece tasarım sürecine değil, aynı zamanda teknik detaylar ve uygulama süreçlerine de odaklanmaktadır. Dersin amacı, geliştirilecek/uygulanacak projeler ve çözüm önerilerinin çeşitli iş birlikleri ile hayata geçirilmesine katkıda bulunmak ve üniversite-sanayi/kamu kuruluşları/STK iş birliğini mümkün koşullar ve ölçeklerde gerçekleştirmektir.

COURSE RECORD

Code	ARCA106
Name	Reflective Portfolio on Action
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	The course invites students to evaluate their previous design projects through a teleological perspective, critically. Students will revisit the underlying knowledge, research, processes, and intentions that informed their past work. By integrating knowledge-based design mindsets, and methods that prioritizes grounding the design, the course emphasizes innovative, research-driven representation techniques. Theoretical lectures, workshops, peer reviews, and panel critiques will guide students in refining their portfolios, transforming them into tools that articulate intellectual and conceptual depth. The course will position students as reflective architects, showcasing their ability to base their design processes on research, analysis, and theoretical frameworks, scholarly. By the end of the semester, students will present portfolios that not only reflect their past projects but also demonstrate mastery of knowledge-based architectural thinking and representation.
Objectives	Understanding design challenges concerning their underlying knowledge base. Applying innovative representation techniques to communicate design knowledge effectively. Creating design portfolios that articulate research & design coherently and collectively.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret design projects from a design knowledge perspective. LO2. Apply various representation tools (e.g., sketching, diagramming, annotation) to communicate design effectively. LO3. Utilize required software (e.g., Adobe InDesign, Illustrator) efficiently to post-produce large volumes of files from the design process. LO4. Make use of procedural methods learned to other design contexts, showcasing their ability to generalize learned methods and innovate. LO5. Create coherent and well-structured design portfolios. LO6. Plan portfolio- and performance-based insights for a potential future career tailored to their past work, identifying and focusing on emerging themes, gaps, and potential interests.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	4	0	3	0	0	0	0	0	0	0	0
LO2	0	0	3	0	0	0	0	4	0	0	0	0
LO3	0	0	0	0	0	0	0	3	0	0	3	0
LO4	0	0	0	3	0	0	0	0	0	0	4	0
LO5	3	0	0	0	0	0	0	4	0	0	0	0
LO6	0	3	0	3	0	0	0	0	0	0	0	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	5	0	0	4	3	0
LO2	3	4	0	0	3	5	0
LO3	2	2	0	0	3	4	0
LO4	4	5	0	0	4	3	0
LO5	3	3	0	0	4	5	1
LO6	3	4	1	0	5	4	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Design and Research Reflection	L01
Advanced Research-Driven Representation Precedents and Methods	L02, L03
Portfolio Development	L04, L05, L06

DERS BİLGİLERİ

Kodu	ARCA106
İsmi	Eylem Üzerine Yansıtıcı Portfolyo
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Ders, öğrencilerin geçmiş tasarım projelerini teleolojik bir bakış açısıyla kritiğini yapmalarına davet etmektedir. Bu kapsamda öğrenciler, önceki projelerini şekillendiren bilgi ve araştırma tabanlarını yeniden keşfetmekte, süreçsel ve niyetel bağlamları anlamında derinlemesine analizini yapmaktadır. Amaç, mimari tasarımı bilgiye dayalı yaklaşımlarla yeniden temellendirirken, yenilikçi ve araştırma odaklı temsil tekniklerini keşfetmektir. Ders kapsamında teorik dersler, atölye çalışmaları, akran geri bildirimleri ve jüri değerlendirmeleri, öğrencilerin portfolyolarını entelektüel ve kavramsal derinlik taşıyan birer ifade aracı olarak geliştirmelerine rehberlik etmektedir. Bu süreçte, öğrenciler yalnızca tasarım yapma becerilerini değil, aynı zamanda projelerini araştırma ve analiz temelli bir çerçevede ifade etme yetkinliklerini güçlendirir. Dönem sonunda öğrenciler, geçmiş projelerini yansıtan ancak bunun ötesine geçerek bilgi temelli düşünce ve temsil becerilerini ortaya koyan özgün portfolyolar sunarlar.

COURSE RECORD

Code	ARCA201
Name	Building Performance Simulation in Architectural Practice
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	“Building Performance Simulation in Architectural Practice” course focuses on building performance simulation (BPS) methods and tools employed both in the architectural design process and in the analysis of existing buildings. The significant contribution of the course is to equip students with the ability to select and apply appropriate methods and tools for computer-based building performance analysis. The “Exploring BPS” module primarily focuses on existing simulation methods and tools, analyzing their user interfaces, data requirements, limitations, and the provided results through existing applications. During the “Applying BPS” module, selected tools are used to conduct analyses within the architectural design process and to analyze existing buildings.
Objectives	Explaining methods and tools for building performance simulation (BPS). Discussing case studies that utilize BPS in an architectural context. Examining BPS methods and tools appropriate for analysis objectives. Conducting case studies that integrate BPS tools into architectural design and existing building analysis processes.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the BPS in architecture. LO2. Identify existing BPS methods and tools used in architectural practice. LO3. Distinguish the objectives of BPS tools in relation to building performance goals and the architectural practice context. LO4. Evaluate the BPS results obtained in a defined architectural practice scenario. LO5. Adapt BPS tools to support performance-driven design in architecture.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	1	3	5	1	3	1	1	5	5	5	3
LO2	5	3	4	5	1	3	1	1	5	5	5	3
LO3	5	3	4	5	1	3	1	1	5	5	5	3
LO4	5	1	2	5	1	3	1	1	5	5	5	3
LO5	5	1	4	5	4	5	4	3	5	5	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	0	2	2	0
LO2	4	3	0	0	3	2	0
LO3	4	3	1	0	3	2	1
LO4	4	4	2	0	4	3	1
LO5	5	5	3	0	4	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Building Performance Simulation in Architecture	L01
Building Performance Simulation Methods	L02, L03
Building Performance Simulation Tools	L02, L03
Building Performance Simulation Case Studies	L04, L05

DERS BİLGİLERİ

Kodu	ARCA201
İsmi	Mimarlık Pratiğinde Bina Performans Simülasyonu
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	“Mimarlık Pratiğinde Bina Performans Simülasyonu” dersi, hem mimari tasarım sürecinde hem de mevcut binaların analizinde kullanılan bina performans simülasyonu (BPS) yöntemlerine ve araçlarına odaklanmaktadır. Dersin önemli katkısı, öğrencilere bilgisayar tabanlı bina performans analizi için uygun yöntem ve araçları seçme ve uygulama becerisi kazandırmaktır. “BPS’yi Keşfetme” modülü, mevcut simülasyon yöntemlerine ve araçlarına odaklanarak, bunların kullanıcı arayüzlerini, veri gereksinimlerini, sınırlamalarını ve sağladıkları sonuçları mevcut uygulamalar aracılığıyla analiz etmektedir. “BPS’yi Uygulama” modülü sırasında, seçilen araçlar mimari tasarım süreci sırasında analizler yapmak ve mevcut binaları analiz etmek için kullanılmaktadır.

COURSE RECORD

Code	ARCA202
Name	Circular Design Studio
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224
Description	This course introduces environmentally conscious design approaches through discussions of sustainability, emphasizing the integration of circular design approaches into contemporary architectural thinking. Through site-specific design exercises, students investigate the use of low-impact materials, structural principles, and detail development within a defined context. The course promotes material awareness and design exploration by producing physical and digital models, allowing students to test and communicate their ideas through learning-by-doing approaches.
Objectives	Discussing foundations of environmentally responsive and culturally rooted architectural design approaches. Exploring how circular construction techniques and materials can inform contemporary architectural thinking. Designing details with environmental concerns for created building scenario in given context. Support design development with physical models and prototypes through learning by doing.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret a design approach that is climate-adaptive, low-impact, resilient, and culturally responsive. LO2. Evaluate circular materials and building techniques through site analysis to make design decisions based on sustainable design criteria. LO3. Design building elements and integration details by considering material properties, construction logic, and environmental context. LO4. Create physical and digital models by deciding appropriate materials, tools, techniques, and representation methods to communicate the design effectively.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	5	5	5	5	5	5	0	5	0	0	4
LO2	4	5	5	5	5	5	5	0	5	0	0	4
LO3	4	5	5	5	3	5	5	5	5	0	0	4
LO4	3	3	5	5	0	5	5	5	5	0	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	4	4	2	3	2	1
LO2	5	5	5	0	4	2	2
LO3	5	5	4	0	4	3	2
LO4	3	3	0	0	5	5	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Sustainability in Architecture	LO1
Circular Design Approaches	LO1, LO2
Low-impact Construction Technics	LO2
Detail Design Thinking with Environment	LO2, LO3

DERS BİLGİLERİ

Kodu	ARCA202
İsmi	Döngüsel Tasarım Stüdyosu
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224
İçerik	Bu ders, sürdürülebilirlik tartışmaları aracılığıyla çevreye duyarlı tasarım yaklaşımlarını tanıtarak, döngüsel tasarım yaklaşımlarının çağdaş mimari düşünceye entegrasyonunu vurgulamaktadır. Öğrenciler, yere özgü tasarım alıştırmaları aracılığıyla, tanımlı bir bağlam içerisinde düşük çevresel etkili malzemelerin kullanımını, strüktürel ilkeleri ve detay geliştirmeyi araştırırlar. Ders, fiziksel ve dijital modellerin üretilmesi yoluyla malzeme farkındalığını ve tasarım araştırmalarını teşvik ederek, öğrencilerin yaparak öğrenme yaklaşımları aracılığıyla fikirlerini test etmelerine ve ifade etmelerine olanak sağlamaktadır.

COURSE RECORD

Code	ARCA301
Name	Architectural Survey & Documentation
Hour per week	4 (2 Theory + 2 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224, ARCH332
Description	Architectural Survey and Documentation course intends to teach architectural survey and documentation methods in architecture and their use in different fields such as architecture, architectural history studies, conservation, restoration, and archeology. It is aimed to teach conventional and advanced techniques with practices in architectural survey and documentation, and to examine the use of different methods together.
Objectives	Introducing the use of survey methods in architecture. Discussing the importance of different methods of architectural documentation in the fields of architectural history, archeology, conservation and restoration, e.g. Developing skills in conventional and advanced surveying methods through practices. Exploring the use and evaluation of data obtained through conventional and advanced surveying methods in architectural documentation.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret different methods of architectural survey and documentation in the fields of architectural history, archeology, conservation, and restoration. LO2. Make use of conventional surveying methods for architectural documentation. LO3. Make use of advanced surveying methods for architectural documentation. LO4. Determine analytical perspective in the correlation and use of architectural survey and documentation methods. LO5. Select the architectural documentation method(s) suitable with the field they use to obtain the most accurate and scientific result.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	0	2	4	0	0	0	0	0	0	0	0
LO2	5	4	2	4	0	0	0	0	0	0	0	0
LO3	5	4	2	4	0	3	0	0	0	0	0	0
LO4	5	4	2	4	0	3	0	0	0	0	4	0
LO5	5	4	2	4	0	3	0	0	0	0	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	0	2	2	0
LO2	3	1	0	0	3	3	1
LO3	3	2	0	0	3	3	1
LO4	4	3	0	0	3	3	1
LO5	4	4	1	0	3	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Types of Survey and Their Use in Architecture	L01
Conventional Methods of Architectural Survey and Practicing Documentation with Conventional Surveying Methods	L02, L04, L05
Advanced Methods of Architectural Survey and Practicing Documentation with Advanced Surveying Methods	L03, L04, L05
Use of GIS (Geographical Information Systems) in Architectural Documentation	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCA301
İsmi	Mimari Ölçme & Belgeleme
Haftalık Saati	4 (2 Teori + 2 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224, ARCH332
İçerik	Mimari Ölçme ve Belgeleme dersi, mimaride ölçme ve belgeleme yöntemlerini ve bunların mimarlık, mimarlık tarihi araştırmaları, koruma, restorasyon ve arkeoloji gibi farklı alanlarda kullanımını öğretmeyi amaçlamaktadır. Mimari ölçme ve belgelemede geleneksel ve ileri tekniklerin uygulamalarla öğretilmesi hedeflenmekte, farklı yöntemlerin bir arada kullanımı incelenmektedir.

COURSE RECORD

Code	ARCA351
Name	Practice in Architectural Conservation
Hour per week	4 (3 Theory + 1 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224, ARCH301
Description	This course deals with the projects that are planned to be realized at building scale or at the urban scale in the field of architectural conservation. In this context, it focuses on project development processes at various scales based on documentation and analysis in historical buildings and environments. The aim of the course is to make the building or city-scale conservation projects, which are planned to be realized with university-society / public institutions / NGO collaborations, a part of the learning and research processes.
Objectives	Documenting and analyzing a historical building/environment. Examining the original characteristics and conservation problems of a historical building/environment. Applying ideas and solutions for the conservation of a historical building/environment. Creating knowledge through experiencing conservation project processes.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the architectural documentation using advanced tools. LO2. Examine the original features and problems of a historical building/environment by researching and analyzing. LO3. Propose solutions for the conservation and reuse of a historical building/environment. LO4. Examine professional life processes.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	2	0	0	3	5	4	3	0	0	3	2	0
LO2	2	0	0	3	5	2	0	0	4	3	2	0
LO3	4	0	3	3	5	5	4	2	0	3	2	0
LO4	4	0	0	0	5	5	0	0	2	3	4	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	1	0	3	3	1
LO2	4	3	2	0	3	3	2
LO3	5	5	4	0	4	3	4
LO4	3	2	2	0	4	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Documenting and Analyzing the Historical Building/Environment	LO1
Evaluating the Periodical Change	LO2
Analyzing the Conservation Problems	LO2
Developing Solutions and Technical Details for the Conservation and Reuse of the Historical Building/Environment	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCA351
İsmi	Mimari Korumada Uygulama
Haftalık Saati	4 (3 Teori + 1 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224, ARCH301
İçerik	Bu ders mimari koruma alanında tek yapı ölçeğinde veya kent ölçeğinde gerçekleştirilmesi planlanan projeleri ele almaktadır. Bu kapsamda, tarihi yapı ve çevrelerde belgeleme ve analizlere dayalı çeşitli ölçeklerde proje geliştirme süreçlerine odaklanmaktadır. Dersin amacı, üniversite-toplum / kamu kuruluşları / STK iş birlikleri ile hayata geçirilmesi planlanan yapı veya kent ölçeğindeki koruma projelerini öğrenme ve araştırma süreçlerinin bir parçası haline getirmektedir.

COURSE RECORD

Code	ARCA401
Name	Urban Mapping
Hour per week	4 (4 Theory + 0 Practice)
Credit	4
ECTS	6
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH202, ARCH222, ARCH232, ARCH224, ARCH311
Description	This course focuses on innovative methods developed for urban and environmental studies. It aims to generate knowledge about cities through innovative methods in terms of visual materials, and physical and digital technologies. It includes using tools such as archival documents, digital data sets, architectural drawings, photography, cartography, graphic design, written content, animation, film, and video to visualize innovative approaches to urban and natural environments. This course aims to create themes related to natural and built environments, produce data, and effectively transfer data obtained through various representation tools through urban and environmental research.
Objectives	Experiencing interdisciplinary research and study on urban form. Identifying and evaluating the urban issues. Producing a new context related with urban and environmental facts. Illustrating the urban and environmental areas by using different representation tools.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Examine urban and environmental areas. LO2. Define to a new perspective on urban and environmental studies. LO3. Develop urban and environmental artifacts with the new context and approach. LO4. Interpret using with representation techniques and approaches.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	4	5	5	4	4	3	0	4	4	3	0
LO2	0	4	5	5	4	4	3	0	5	4	3	0
LO3	0	4	4	4	3	4	0	5	0	4	0	3
LO4	0	4	4	3	2	4	0	5	0	4	0	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	2	0	2	2	0
LO2	4	4	2	0	3	2	0
LO3	4	5	2	0	3	4	0
LO4	3	3	1	0	2	5	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Analyzing the Urban and Environmental Areas	LO1, LO2
Understanding the Urban and Environmental Areas	LO1, LO2
Generating New Contexts for Urban and Environmental Spaces	LO2, LO3, LO4
Rethinking and Reproducing Urban Context	LO1, LO2, LO3

DERS BİLGİLERİ

Kodu	ARCA401
İsmi	Kentsel Haritalama
Haftalık Saati	4 (4 Teori + 0 Pratik)
Kredi	4
AKTS	6
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH202, ARCH222, ARCH232, ARCH224, ARCH311
İçerik	Bu ders kent ve çevre çalışmaları için geliştirilen yenilikçi yöntemlere odaklanmaktadır. Görsel materyal kullanımı açısından yenilikçi yöntemler, fiziksel ve dijital teknolojilerle şehirler hakkında bilgi üretmeyi amaçlamaktadır. Arşiv belgeleri, dijital veri setleri, mimari çizimler, fotoğrafçılık, kartografi, grafik tasarım, yazılı içerik, animasyon, film ve video gibi araçların kullanımıyla kentsel ve doğal çevre için üretilen yenilikçi yaklaşımları görsel anlatımlarla aktarımını içermektedir. Kent ve çevre araştırmalarına odaklanan bu derste yapı ve doğal çevrelere yönelik temalar oluşturularak, öğrencinin buna yönelik veri üretmesini ve elde ettiği veriyi çeşitli temsil araçları vasıtasıyla etkili bir şekilde aktarmasını hedeflemektedir.

COURSE RECORD

Code	ARCD101
Name	Digital Fabrication
Hour per week	3 (2 Teori + 1 Pratik)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	Digital Fabrication is a computer-aided production process. The course helps students to explain the direction and advantages of the change in design and production techniques. Software and automation methods are in the focus of this lecture to make students become acquainted with these techniques. In this course, Rhinoceros3D modeling software is explained and Grasshopper3D -that runs within Rhinoceros3D- visual programming language is used to offer parametric design ideas. The models and algorithms produced using this software are converted into physical models by CNC and laser devices. It is aimed to add 4th dimension to the models with Arduino technology.
Objectives	Understanding parametric design and computational design through different modelling tools such as Rhinoceros3D and Grasshopper3D. Understanding the production processes and the creation methods of architecture and art with digital design and automated production. Applying laser cut, CNC and 3D print technologies. Analyzing different techniques, tools and materials to produce models, mock-ups and prototypes.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the connections between CAD (computer aided design) and CAM (computer aided manufacture). LO2. Interpret technical know-how on various model making tools, machinery, and their operations. LO3. Make use of different digital tools like CNC, laser cutter and 3D printer. LO4. Create a model with different parameters using algorithms.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	0	2	2	4	2	0	2	3	2	2	0
LO2	3	3	2	3	4	4	0	4	4	2	5	0
LO3	3	5	2	5	3	5	0	5	3	3	4	0
LO4	5	5	3	5	3	5	4	5	4	4	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	0	2	2	0
LO2	4	3	0	0	3	2	0
LO3	4	3	0	0	4	2	1
LO4	5	5	0	0	4	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Discussions on Computational Design	LO1, LO2
Parametric Design with Grasshopper3D	LO2, LO3, LO4
Parametric Design Techniques for Laser Cutting	LO3, LO4
Fabrication with CNC Router+Laser+3D Print	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD101
İsmi	Dijital Üretim
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Dijital Üretim, bilgisayar destekli bir üretim sürecidir. Ders, öğrencilerin tasarım ve üretim tekniklerindeki değişimin yönünü ve avantajlarını açıklamalarına yardımcı olur. Öğrencilerin bu tekniklerle tanışmasını sağlamak için bu dersin odağında yazılım ve otomasyon yöntemleri yer almaktadır. Bu derste, Rhinoceros3D modelleme yazılımı anlatılmakta ve parametrik tasarım fikirleri geliştirmek için Rhinoceros3D içinde çalışan Grasshopper3D görsel programlama dili kullanılmaktadır. Bu yazılım kullanılarak üretilen modeller ve algoritmalar, CNC ve lazer cihazları ile fiziksel modellere dönüştürülür. Arduino teknolojisi ile modellere 4. boyut kazandırılması hedeflenmektedir.

COURSE RECORD

Code	ARCD102
Name	Site Analysis
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	Site analysis is a preliminary phase of architectural and urban design processes dedicated to the study of the climatic, geographical, historical, legal, and infrastructural context of a specific site. Therefore, the course focuses on thinking of alternatives on conceptual form, mass, materiality, approach, landscape by research and analysis on urban space. It promotes alternative frameworks for urban form through existing assumptions, expectations, conditions and observations and impressions about the settlements and sites.
Objectives	Analyzing the urban layers of settlements. Collecting and evaluating on analysis of field data for site area. Producing appropriate decisions for the planning and project stages on the specific site areas.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Criticize main concepts, approaches and milestones in environmental planning and design. LO2. Examine site analysis techniques as part of urban planning and design process. LO3. Determine necessary knowledge and skills to better understand the site-specific conditions. LO4. Identify the fundamentals of design thinking and place-based design.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	4	4	4	4	4	4	4	4	4	4
LO2	5	4	4	4	4	4	4	4	4	4	4	4
LO3	5	4	4	4	4	4	4	4	4	4	4	4
LO4	5	4	4	4	4	4	4	4	4	4	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	5	3	0	2	2	0
LO2	4	3	3	0	3	3	0
LO3	4	3	3	0	3	2	0
LO4	4	4	3	0	3	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
The Site Planning Process	LO1, LO2, LO3
Place-making	LO2, LO3, LO4
Maps, Graphics and Design	LO2, LO3, LO4
Design Elements and Principles Site Selection and Programming	LO1, LO2, LO4
Site Inventory - Physical and Biological Attributes	LO1, LO2, LO4
Site Analysis Integration and Synthesis	LO2, LO3, LO4
Conceptual Design	LO1, LO2, LO4
Plan Review Implementation	LO1, LO2, LO4

DERS BİLGİLERİ

Kodu	ARCD102
İsmi	Alan Analizi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Alan analizi dersi belirli bir alanın iklimsel, coğrafi, tarihi, yasal ve altyapı bağlamının incelenmesine dayalı mimari ve kentsel tasarım süreçlerinin bir ön aşamasıdır. Bu nedenle ders, kentsel mekân üzerine araştırma ve analiz yaparak kavramsal olarak biçim, kütle, maddesellik, yaklaşım, peyzaj gibi alternatifleri düşünmeye odaklıdır. Yerleşimler ve alanlar için de mevcut varsayımlar, beklentiler, koşullar, gözlemler ve izlenimler yoluyla; kentsel biçim için alternatif çerçevelerin oluşmasını sağlar.

COURSE RECORD

Code	ARCD103
Name	Design Methods & Praxis
Hour per week	3 (2 Theory +1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The course focuses on architectural design methods and praxis in different scales of the architecture profession. It starts with the design methods, and praxis from different fields of design then considers the architectural design methods and approaches in detail. The design methods and the role of architects will be discussed through documentaries, lectures, discussions, and in-class practices. Then, the individual design praxis will be examined and represented by the students in terms of providing an understanding of logical, cognitive, and visual procedures of the design process.
Objectives	Explaining design thinking through a variety of design professions. Discussing architectural design approaches in different scales. Defining individual design praxis through experiences. Identifying the logical, cognitive, and visual procedures of the design process.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the importance of design thinking based on the variety of design professions. LO2. Interpret the different ways of design concerning logical, cognitive, and visual procedures. LO3. Examine architectural design approaches in different scales. LO4. Formulate individual design praxis through experiences.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	5	2	3	4	2	3	5	3	3	3
LO2	5	4	5	4	5	4	2	3	5	3	3	3
LO3	5	5	5	3	5	4	4	3	5	3	2	3
LO4	5	5	5	2	5	5	5	3	5	3	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	0	0	2	2	0
LO2	4	4	0	0	3	3	0
LO3	4	4	0	0	3	3	1
LO4	4	5	0	0	5	4	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Design and Designer	LO1
Design Methods	LO1, LO2, LO3
Pursuing the Individual Design Praxis	LO3, LO4
Pursuing the Others' Design Praxis	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD103
İsmi	Tasarım Yöntemleri & Praksis
Haftalık Saati	3 (2 Teori +1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, mimarlık mesleğinin farklı ölçeklerinde kullanılan mimari tasarım yöntemleri ve uygulamalarına odaklanır. Tasarım yöntemleri ile başlar ve tasarımın farklı alanlarından uygulamalar ile mimari tasarım yöntem ve yaklaşımlarını detaylı bir şekilde ele alır. Tasarım yöntemleri ve mimarların rolü belgeseller, seminerler, tartışmalar ve sınıf içi uygulamalar aracılığıyla tartışılır. Daha sonra, bireysel tasarım pratiği, tasarım sürecinin mantıksal, bilişsel ve görsel süreçlerinin anlaşılmasını sağlamak amacıyla öğrenciler tarafından incelenir ve süreç temsil araçlarıyla ifade edilir.

COURSE RECORD

Code	ARCD104
Name	Design Thinking
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate
Type	Elective
Prerequisites	-
Description	This course introduces Design Thinking, a human-centered and creative problem-solving approach. Students will explore the key phases of the process- empathizing, defining the problem, ideating, prototyping, and testing- through a combination of theoretical foundations and hands-on practice. Emphasis is placed on understanding user needs, generating innovative solutions, and developing prototypes that iteratively improve based on feedback. Digital modeling, which is the first stage of the prototyping process, is important in this process. For this reason, one of the most important points for the course is that students should have basic knowledge on modelling techniques. During the course, individual and collaborative projects will be conducted to solve real-world problems.
Objectives	Explaining the fundamental concepts and stages of the Design Thinking process. Empathizing with users to identify their needs and analyze their problems and generate and evaluate creative ideas in response to defined problems. Developing low and high-fidelity prototypes of their ideas and test them with users and refine solutions through iterative feedback. Collaborating effectively within interdisciplinary teams and communicate using storytelling and presentation techniques.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the principles, stages, and application areas of the Design Thinking process by referring to its human-centered philosophy LO2. Prototype functional solutions by constructing and refining tangible models based on user needs and usability feedback. LO3. Present final design concepts clearly using appropriate visual tools and reflective narratives to communicate design intent. LO4. Analyze user data collected through research methods to extract insights of design problems clearly. LO5. Evaluate a range of creative ideas collaboratively to select the most feasible and user-centered design solution.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	3	5	0	5	0	0	4	0	0	0	0	5
LO2	0	0	0	0	5	4	3	4	0	0	0	5
LO3	0	4	0	0	0	0	0	5	0	5	0	5
LO4	0	0	0	5	0	5	4	5	0	0	0	5
LO5	0	0	5	4	0	0	4	0	0	5	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	0	0	2	2	0
LO2	4	5	2	0	4	3	0
LO3	3	3	1	0	3	5	0
LO4	4	4	2	0	4	3	0
LO5	4	5	2	0	5	4	0

COURSE CONTENT DETAILS

Topics	Outcomes
Philosophy and Process of Design Thinking	L01
Defining the Problem, Ideation, Prototyping	L02, L04, L05
Prototype Testing (User Testing)	L02, L05
Storytelling and Presentation	L03
Impact and Sustainability	L03, L05

DERS BİLGİLERİ

Kodu	ARCD104
İsmi	(Yaratıcı) Tasarım Düşüncesi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, insan merkezli ve yaratıcı bir problem çözme yaklaşımı olan Tasarım Düşüncesini ele alır. Öğrenciler, sürecin temel aşamalarını -empati kurma, problem tanımlama, fikir oluşturma, prototipleme ve test etme- öğrenerek deneyimlerler. Bu yöntemler öğrencilere teorik temeller ve bu teorinin uygulama yoluyla aktarılması ile gerçekleşir. Kullanıcı ihtiyaçlarını anlamaya, yenilikçi çözümler üretmeye ve geri bildirimlere dayalı olarak sürekli olarak iyileşen prototipler geliştirmeye önem verilmektedir. Prototipleme sürecinin ilk aşaması olan dijital modelleme bu süreçte önemlidir. Bu nedenle, ders için en önemli noktalardan biri öğrencilerin modelleme teknikleri hakkında temel bilgilere sahip olmalarıdır. Dönem boyunca, gerçek dünya problemlerini çözmek için bireysel ve işbirlikçi projeler yürütülecektir.

COURSE RECORD

Code	ARCD106
Name	Product Design & Fabrication
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course addresses the theoretical and practical dimensions of the product design process through a holistic approach. It covers problem definition, user and contextual research, design criteria, ideation and concept development, functional and formal decisions, materials and manufacturing methods, prototyping, and design refinement. Students develop and test alternative design solutions through sketches, mock-ups, models, and prototypes. The course emphasizes the relationships among function, use, form, material, and manufacturing technologies, enabling students to systematically develop a product idea from concept to a manufacturable outcome.
Objectives	Introducing the theoretical and methodological foundations of product design processes. Developing an understanding of user, contextual, functional, formal, material, and manufacturing requirements and their translation into design criteria. Developing skills in research, ideation, conceptualization, form development, and prototyping methods. Promoting the evaluation of design solutions based on functional, aesthetic, technical, and manufacturing criteria.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify the fundamental stages, methods, and principles of the product design process. LO2. Analyze user, contextual, functional, material, and manufacturing requirements to define design criteria. LO3. Develop alternative product design solutions by systematically applying ideation, form development, and prototyping methods. LO4. Evaluate product design solutions based on functional, aesthetic, technical, and manufacturing criteria.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	0	0	4	5	4	3	4	4	0	4	0	4
LO2	0	0	5	4	0	0	0	3	0	0	0	4
LO3	0	3	5	5	0	4	0	5	0	4	0	4
LO4	0	0	5	4	4	4	4	5	0	4	0	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	0	2	2	0
LO2	4	4	1	0	3	2	0
LO3	4	5	1	0	4	3	0
LO4	4	4	1	0	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Introduction to Product Design	L01, L04
Design Research and Problem Definition	L01, L02, L04
Ideation and Concept Development	L01, L03, L04
Form and Function Development	L01, L02
Materials and Manufacturing Processes	L03, L04
Prototyping and Design Development	L03, L04
Design Integration and Product Realization	L01, L03, L04

DERS BİLGİLERİ

Kodu	ARCD106
İsmi	Ürün Tasarımı ve Üretimi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, ürün tasarım sürecinin temel kuramsal ve uygulamalı boyutlarını bütüncül bir yaklaşımla ele alır. Tasarım probleminin tanımlanması, kullanıcı ve bağlam araştırması, tasarım kriterlerinin oluşturulması, fikir ve kavram geliştirme, biçimsel ve işlevsel kararların alınması, malzeme ve üretim yöntemlerinin değerlendirilmesi, prototipleme ve tasarımın geliştirilmesi süreçleri incelenir. Öğrencilerin tasarım araştırması ve geliştirme yöntemlerini kullanarak alternatif tasarım çözümleri üretmeleri; eskiz, maket, model ve prototip gibi araçlar aracılığıyla tasarım fikirlerini somutlaştırmaları ve test etmeleri amaçlanır. Ders kapsamında ürünün işlev, kullanım, biçim, malzeme ve üretim teknolojileri arasındaki ilişkiler üzerinden değerlendirilmesi ve tasarım kararlarının gerekçelendirilmesi üzerinde durulur. Öğrencilerin tasarım sürecini sistematik biçimde yöneterek bir ürün fikrini kavramsal aşamadan prototip ve üretim aşamasına taşıyabilmeleri hedeflenir.

COURSE RECORD

Code	ARCD107
Name	Visual Culture
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course examines architecture through the critical framework of visual culture, encouraging students in design-based professions to develop visual thinking skills as part of their design process — investigating the relationship between architectural understanding and diverse means of expression, from drawing to discussion. Participants engage with visual culture theory and texts to critically reconsider architecture from multiple perspectives through extensive discussion and production in varied forms. The course also investigates the creative process of a design idea by transforming inspiration into visual form and re-examines traditional notions of architectural representation through a visual culture perspective.
Objectives	Enhancing visual thinking skills. Examining architecture through the critical framework of visual culture. Participating in collaborative learning through discussion-based activities. Developing the creative process of transforming inspiration into visual form.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Apply methodical processes of research, analysis, and synthesis to critically reinterpret architecture through diverse means of expression. LO2. Criticize different modes of architectural representation through group discussions to explore and evaluate design communication. LO3. Evaluate architecture from multiple perspectives informed by visual culture theory. LO4. Develop creative spatial interpretations and a visual perspective by re-examining architectural representation and visual culture. LO5. Create accurate and precise visual communication outputs through varied forms of production.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	3	5	1	3	0	1	0	2	0	0	2	0
LO2	2	4	0	1	0	1	0	5	0	4	1	3
LO3	2	4	0	3	0	0	0	1	1	0	2	0
LO4	3	5	1	2	1	3	0	4	1	0	1	0
LO5	2	1	0	1	0	3	0	5	0	0	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	4	0	0	2	0	0
LO2	2	5	0	0	3	4	1
LO3	4	4	0	1	0	0	0
LO4	3	5	0	1	1	0	0
LO5	2	3	0	0	0	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Readings and Critical Discussion	LO2, LO3
Composition and Perceptual Principles	LO1, LO3
Representation and Semiotics	LO2, LO3, LO4
Visualizing and Rendering Concepts	LO1, LO4, LO5

DERS BİLGİLERİ

Kodu	ARCD107
İsmi	Görsel Kültür
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, mimarlığı görsel kültürün eleştirel çerçevesi üzerinden ele alır ve tasarım odaklı disiplinlerdeki öğrencileri, tasarım süreçlerinin bir parçası olarak görsel düşünme becerilerini geliştirmeye teşvik eder — mimari anlayış ile çizimden tartışmaya uzanan çeşitli ifade biçimleri arasındaki ilişkiyi inceler. Katılımcılar, görsel kültür kuramı ve metinleriyle etkileşime girerek mimarlığı yoğun tartışma ve farklı biçimlerde üretim yoluyla çoklu bakış açılarından eleştirel biçimde yeniden ele alır. Ders ayrıca, ilhamı görsel forma dönüştürerek bir tasarım fikrinin yaratıcı sürecini araştırır ve geleneksel mimari temsil anlayışlarını görsel kültür perspektifinden yeniden inceler.

COURSE RECORD

Code	ARCD108
Name	Production of Urban Space
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course introduces cities and urbanization, with a particular focus on contemporary urban issues through examples from different parts of the world. It critically examines the role of cities in society and civilization throughout history. The course explores the various forces shaping and producing urban space, the impacts of urbanization on cities and their populations, and the ways in which urban governments, planners, and architects respond to the challenges of urbanization.
Objectives	Evaluating the origin and causes of the different forms of urbanization. Examining the contemporary urban problem in the age of global urbanization. Conceptualizing the historical evolution of the social, economic, and political forces which are still effective in the contemporary world. Exploring the historical evolution of the different forces with shape the city space.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Analyze the historical evolution of cities. LO2. Evaluate the responses of the planners, architects, and urban governments. LO3. Determine contemporary urban policies. LO4. Categorize political, economic, and social forces that shape contemporary cities. LO5. Discuss the function of the city.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	3	2	1	1	2	0	1	0	0	0	3	5
LO2	2	5	3	5	3	0	5	0	0	0	4	0
LO3	2	4	1	5	4	0	4	2	4	4	4	5
LO4	2	5	4	5	3	0	5	0	5	1	5	0
LO5	3	0	1	1	2	0	2	0	0	0	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	0	2	1	2	0
LO2	3	4	3	2	2	2	1
LO3	3	3	4	2	2	3	1
LO4	3	3	3	2	2	3	0
LO5	2	2	2	1	2	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Key Concepts and Themes	LO1, LO2
Premodern City	LO1, LO2
Modernization and the City	LO1, LO2
Contemporary Cities	LO2, LO3
Global City	LO1, LO2, LO3
Urban Problems	LO2, LO3, LO4
Presentation and Discussion of the Contemporary Urban Problems	LO3, LO4, LO5
Urban Citizenship	LO3, LO4, LO5

DERS BİLGİLERİ

Kodu	ARCD108
İsmi	Kent Mekanının Üretimi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dünyanın farklı bölgelerinden örnekler üzerinden güncel kentsel sorunlara odaklanarak kentleri ve kentleşmeyi ele almaktadır. Kentlerin tarih boyunca toplum ve uygarlık içerisindeki rolünü eleştirel bir bakış açısıyla incelemektedir. Ders, kentsel mekânı şekillendiren ve üreten çeşitli dinamikleri, kentleşmenin kentler ve kent nüfusu üzerindeki etkilerini ve yerel yönetimlerin, plancıların ve mimarların kentleşmenin getirdiği sorunlara yönelik yaklaşımlarını ele almaktadır.

COURSE RECORD

Code	ARCD110
Name	Transit Architecture
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	Transit buildings must create an exterior image and prominent profile for their users so that passengers can easily find them while providing all the required safety, accessibility, and operational design considerations. The students will have a chance to evaluate the building type from both perspectives and develop a more advanced approach on transit architecture.
Objectives	Explaining and describing the design methods and approaches to the transit architecture both from technical and theoretical aspects. Judging and using the basic terminology in addition to interpreting international and national standards, design guidelines, principles, legislation, and other related texts. Discussing the importance and the impact of transit architecture design in urban scale. Developing a critical framework to the existing design methodologies in transit design and design verification tools such as pedestrian simulation tools.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret the transit structures, related standards, and design guidelines, both from architectural and urban design perspectives. LO2. Construct innovative, creative, and critical thinking on the existing design methodologies. LO3. Distinguish the conceptual and technical evaluation of transit architecture. LO4. Illustrate the collaborative nature of the transit design. LO5. Create an international approach to transit architecture by tracing varying approaches in different countries to the similar design concerns. LO6. Analyze where transportation policies are heading which they might encounter in their professional life.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	0	4	3	0	5	5	4	0	1	0	1
LO2	0	5	4	4	0	0	4	0	0	0	0	0
LO3	4	0	0	0	3	0	0	0	2	0	4	0
LO4	3	0	0	0	0	4	0	0	2	4	0	1
LO5	5	0	5	4	0	0	4	5	0	3	0	2
LO6	4	4	0	4	4	0	0	3	4	0	5	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	3	2	1	0	0	1	0
LO2	3	5	2	0	0	0	0
LO3	4	3	2	0	0	0	0
LO4	3	2	2	0	1	0	0
LO5	3	3	2	5	0	0	0
LO6	3	3	3	0	1	0	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Basic Terminology, Infrastructure vs Superstructure	L01, L02
Roads, Bridges, Canals, and Speed	L01, L04
Trains (inter-city), Train Stations, Subways, Metros, LRTS, Trams	L01, L04
Cars-Buses (rubber-wheeled transportation) vs Walking	L01, L03
Flying, Aerospace and Space	L01, L04
Ships and Sea Transportation:	L01, L04, L06
Engineering Concerns vs Architectural and Urban Design	
Prescriptive Methods of Standards vs. Pedestrian Simulations vs Real Situations	L02, L04, L05
Creating Sustainable Transportation and Its Possibilities	L02, L05, L06
“Green” Techs, IoT, Space and New Transportation Ideas	

DERS BİLGİLERİ

Kodu	ARCD110
İsmi	Ulaşım Mimarisi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ulaşım binaları, yolcuların tüm gerekli güvenlik, erişilebilirlik ve operasyonel tasarım hususlarını sağlarken kolayca bulabilmeleri için kullanıcılarına bir dış görüntü ve belirgin bir profil oluşturmalarıdır. Öğrenciler, yapı tipini her iki açıdan da değerlendirme ve ulaşım mimari konusunda daha ileri bir yaklaşım geliştirme şansına sahip olacaklardır.

COURSE RECORD

Code	ARCD111
Name	Architectural Photography
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The foundation of digital photography is the potential to define an idea or concept by manipulation (focusing, framing, editing, etc.) of digital image acquisition methods for the purpose of communicating with others. The main question of the course is how architecture can be explained by digital photography and the purpose that manipulated photographic images will assume. The course consists of 3 modules: theory and technique, defining concepts, manipulation. As an outcome student design their own course portfolio.
Objectives	Demonstrating comprehensive understanding of architectural lighting and composition. Analyzing how the particular and complex mediated fact of digital photography allows for new means to describe architecture. Understanding of 3D environment by manipulation of 2D images.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret the history of photography and what architectural photography means today. LO2. Make use of DSLR settings effectively during an architectural photoshoot. LO3. Make use of photo shooting techniques and equipment that are particular to architectural photography. LO4. Create a photographic documentation of an exterior or interior of a building. LO5. Compose architectural photographs following a photo shoot using postproduction tools.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	3	1	0	0	0	0	0	0	0	0	0
LO2	1	0	3	3	0	3	0	0	0	0	0	0
LO3	1	0	3	3	0	3	0	0	0	0	3	0
LO4	1	0	3	3	4	3	3	4	3	0	4	0
LO5	1	0	3	3	0	0	3	4	3	0	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	0	0	0	0	0
LO2	1	0	0	0	0	0	0
LO3	2	0	0	0	0	0	0
LO4	3	2	1	0	2	0	2
LO5	2	0	1	0	2	0	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Introduction to the Architectural Photography, History of Photography	LO1
Explanation of Essential Issues and Techniques Central to Photography, Architectural Photography and Digital Photography	LO2, LO3
Explanation of Composition in Photography and Architecture on Examples	LO3, LO4, LO5
Practice of Case Studies	LO3, LO4, LO5
Designing a Portfolio of Courses According to a Chosen Context 1	LO4, LO5

DERS BİLGİLERİ

Kodu	ARCD111
İsmi	Mimari Fotoğrafçılık
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Dijital fotoğrafçılığın temeli, bir fikri veya kavramı başkalarıyla iletişim kurma amacıyla, dijital görüntü elde etme yöntemlerinin manipülasyon ile (odaklama, çerçeveleme, düzenleme vb.) tanımlama potansiyelidir. Dersin temel sorusu, mimarinin dijital fotoğrafçılıkla nasıl açıklanabileceği ve manipüle edilmiş fotografik görüntülerin üstleneceği amacın açıklanmasıdır. Ders 3 modülden oluşmaktadır: Teori ve teknik, konsept tanımlama, manipülasyon. Ders çıktısı olarak her öğrenci kendi ders portfolyosunu tasarlayacaktır.

COURSE RECORD

Code	ARCD112
Name	Global Challenges & Urbanization
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This lecture focuses on the challenges of global urbanization. By using global examples in this lecture, we will critically analyze and discuss the challenges of urbanization under three main categories: namely socio-economic, political, and environmental challenges. The module will not only focus on the challenges but also the last two lectures of the module will examine the key strategies to deal with these global problems.
Objectives	Conceptualizing the key trends and drivers of urbanization in the contemporary world. Identifying and analyzing the socio-economic challenges that affect current society in the global urbanization. Examining and discussing the political challenges and their effects in relation to urbanization. Evaluating the impact of the environmental challenges which will affect the most vulnerable population around the globe and enhance their effects in coming decades.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Analyze the future conditions of cities and urbanization. LO2. Discuss better policies dealing with the socio-economic challenges and possible negative impacts such as mass unemployment and crime, including better policies such linking new urban areas to new sources of employment. LO3. Categorize political, economic, and social forces that shape contemporary cities. LO4. Construct urban resilience by linking between housing and urban livelihoods to climate change adaptation. LO5. Propose policies which prioritize the challenges of public problems.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	3	4	3	5	3	4	4	3	5	4	3	4
LO2	3	4	3	4	4	4	3	3	4	4	4	3
LO3	3	4	3	4	3	4	4	3	5	4	4	5
LO4	4	4	3	5	3	5	4	3	5	5	4	3
LO5	4	4	3	5	3	5	4	3	5	4	3	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	2	3	2	1	1	0	0
LO2	3	2	4	1	2	3	1
LO3	4	1	2	2	1	0	0
LO4	5	4	5	2	2	0	1
LO5	3	5	5	2	2	1	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Urbanizations and Economic Development	L01, L02
Housing	L01, L02
Globalization and Urbanization	L02, L03
Migration and the City	L02, L03, L04
Environmental Sustainability and the City	L02, L03, L04
Positive Responses to the Challenges	L03, L04, L05
The Urbanization of Turkish Cities	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCD112
İsmi	Küresel Kentleşme & Sorunları
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders küresel kentleşmenin zorluklarına odaklanmakta, uluslararası örnekler üzerinden kentleşme sürecince karşılaşılan sorunlar üç ana başlık altında incelenmektedir; sosyal-ekonomik, politik ve çevre kategorilerinde. Son iki derste Türkiye ve dünyadaki iyi uygulamalar analiz edilecektir.

COURSE RECORD

Code	ARCD113
Name	Architectural Sketching
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate
Type	Elective
Prerequisites	-
Description	The undergraduate course focuses on training aspiring architects in architectural design using 2D freehand drawing. It emphasizes how drawing helps express ideas, explore design possibilities, and present solutions. Students learn to apply architectural geometry and advanced techniques, gaining competence in artistic representation. They also examine, categorize, and modify drawings to investigate design options. The course fosters understanding of the design-art connection, encouraging innovative proposals through debates and discussions. It's a platform for planning, designing, and constructing architectural visions through 2D drawing.
Objectives	Defining the fundamental role of drawing in transforming abstract architectural concepts into visually captivating shapes. Examining and classifying different geometrical approaches to choose the most appropriate ones for specific design aspects. Verifying and arguing for the effectiveness of certain geometrical techniques. Determining the extent to which students' representations, effectively communicate the intended design.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Translate abstract architectural ideas into compelling visual concepts through drawing. LO2. Illustrate three-dimensional spaces accurately. LO3. Examine iterative design exploration using sketching as a dynamic tool. LO4. Create their personal design concepts through the medium of freehand sketching.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	3	3	3	0	0	0	0	5	3	0	0	5
LO2	3	5	3	0	0	0	0	5	3	0	0	5
LO3	3	3	3	0	0	0	0	5	3	0	0	5
LO4	3	5	3	0	0	0	0	5	3	0	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	2	2	0	0	0	0	0
LO2	2	1	0	0	0	0	0
LO3	2	2	0	0	1	0	0
LO4	3	4	0	0	2	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Architectural Drawing Fundamentals	LO1, LO2
Perspective Drawing and Three-Dimensional Visualization	LO2, LO3
Exploring Architectural Elements through Sketching	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD113
İsmi	Mimari Eskiz
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Lisans programı düzeyindeki ders, mimarlık öğrencilerine mimari tasarım sanatı ve tekniği bağlamında kendilerini 2 boyutlu serbest el çizimini araç olarak kullanarak ifade edebilmeleri için temel eğitimi içerir. Ders kapsamında çizim, fikirlerin somut kavramlara dönüştürüldüğü, tasarım fırsatlarının keşfedilmesine ve stüdyo ortamında geliştirilmekte olan mimari çözümlerin etkili bir şekilde sunulmasına olanak tanıyan birincil araç olarak kabul edilmektedir. Bu derste öğrenciler, mimari geometri ilkeleri, üç boyutlu düşünme ve ileri çizim tekniklerini kullanarak kendilerini kalem ve kâğıt aracılığı ile hızlı bir şekilde ifade edebilmek için beceri ve alışkanlık geliştirirler. Teorik eğitim ve ders içi uygulamalar sayesinde öğrenciler, tasarım fikirlerini sanatsal temsil yoluyla ifade etme konusunda yetkinlik kazanırlar.

COURSE RECORD

Code	ARCD114
Name	Design Through De-Formation
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate
Type	Elective
Prerequisites	-
Description	This course explores design through the deformation of materials, combining insights from material science, deformation philosophy, and process studies. It searches into the fundamental aspects of deformation, addressing both theoretical foundations and practical implications. Deformation is defined as the change in shape of materials and structures under various forces and conditions. The course aims to thoroughly understand deformation processes and material limits, enabling students to assess material behavior and design effectively within these constraints.
Objectives	Comprehending the material behavior and limitations. Investigating the role and process the deformation in theory and practice. Designing with deformation in mind.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Propose material-based solutions that consider the limitations of the materials. LO2. Analyze the deformation process and potential fabrication challenges in their mind. LO3. Compare material deformation dynamics. LO4. Utilize the material properties in design.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	4	5	5	5	4	4	4	3	2	0	0
LO2	5	5	5	5	4	4	4	2	2	2	2	2
LO3	5	5	5	5	5	5	3	3	5	5	2	2
LO4	0	0	2	4	5	5	5	5	5	5	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	4	0	0	0	0	0
LO2	3	3	0	0	0	0	0
LO3	2	2	0	0	1	0	0
LO4	3	1	0	0	1	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Re-Discovering the Material Properties	LO1
Discussing the Deformation and Challenges	LO1, LO2, LO3
Studies to Understand Material Limitations on Samples of Various Materials	LO3, LO4
Designing with Deformation in Mind	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD114
İsmi	Deformasyonla Tasarım
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, malzeme bilimi ve bozulma süreci ve felsefesi çalışmalarından gelen bilgileri birleştirerek tasarımın deformasyonu yoluyla tasarımı araştırır. Deformasyonun temel yönlerini hem malzeme özelliklerinin teorik temellerini hem de pratik çıkarımlarını ele alarak araştırır. Deformasyon, malzeme ve yapıların çeşitli güçler ve koşullar altında şekil değiştirmesi olarak tanımlandığından, deformasyon süreçlerini ve malzeme sınırlarını malzeme davranışını anlayarak ve bu kısıtlamalar dahilinde etkin tasarım değerlendirebilmelerini sağlar.

COURSE RECORD

Code	ARCD115
Name	Creativity
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	Since 2016, the World Economic Forum's <i>Future of Jobs Report</i> has identified analytical and creative thinking as core competencies for the evolving workforce. Moreover, in the rapidly changing post-pandemic world, creative thinking has become an essential tool for developing original solutions to the uncertainties and challenges we face. This course provides a multidimensional examination of creativity including studies from neuroscience, psychology, and creative arts. Through hands-on activities from diverse disciplines such as storytelling, intuitive painting and creative writing, this course fosters a rich environment to cultivate creativity.
Objectives	Developing an interdisciplinary understanding of creativity as a cognitive, analytical, and experiential process. Analyzing the individual and contextual factors that shape creative processes. Creating opportunities for students to generate original ideas and solutions across disciplines.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify the concept of an innate creative self and its relevance to personal and academic development. LO2. Relate the cognitive, dispositional, and contextual dimensions of creative thinking using the methodologies introduced in the class. LO3. Utilize experiential exercises to access and strengthen their creative awareness and intuition. LO4. Criticize everyday problems or personal projects from a new perspective with the use of creative thinking methods. LO5. Develop creative process, novel ideas or approaches informed by both experiential and cognitive techniques.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	2	5	0	4	0	4	2	1	0	0	4	3
LO2	2	4	3	5	0	4	3	1	0	0	4	3
LO3	1	4	0	4	0	4	3	2	0	0	4	2
LO4	2	4	3	4	1	5	4	2	1	0	4	3
LO5	2	4	0	5	1	5	4	2	0	0	4	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	5	0	0	4	0	0
LO2	4	5	0	0	4	0	0
LO3	0	4	0	0	4	0	0
LO4	0	4	1	0	3	0	0
LO5	0	5	0	0	4	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Foundational Concepts of Creativity and Creative Dispositions	L01
Experiential and Intuitive Methods for Creative Exploration	L03
Cognitive and Subconscious Factors Shaping Creative Processes	L02
Narrative and Reflective Approaches to Creative Meaning-Making	L01, L04
Creative Thinking Methods for Reframing Problems and Generating Alternatives	L02, L04
Material-Based Creative Inquiry and Development of Original Ideas	L04, L05

DERS BİLGİLERİ

Kodu	ARCD115
İsmi	Yaratıcılık
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	2016'dan bu yana Dünya Ekonomik Forumu, analitik ve yaratıcı düşünmeyi değişen işgücü için temel beceriler olarak vurgulamaktadır. Hızla değişen pandemi sonrası dünyada yaratıcı düşünme, belirsizliklere özgün çözümler geliştirmek ve zorluklarla baş etmek için temel bir araçtır. Bu ders, yaratıcılığı nörobilim, psikoloji ve yaratıcı sanatlar perspektifinden incelemekte ve hikâye anlatımı, sezgisel resim ve yaratıcı yazarlık gibi tekniklerin kullanıldığı uygulamalı etkinliklerle yaratıcılığın geliştirilmesini sağlamaktadır.

COURSE RECORD

Code	ARCD116
Name	Ergonomics in Design
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course is designed to introduce the principles of ergonomics and anthropometry in product design. Students will explore workplace postures, motions, and universal design considerations to create products that enhance comfort, usability, and efficiency. Through studio-based projects, students will apply ergonomic data and design guidelines to develop human-centered solutions. Therefore, students are expected to have a basic understanding of 3D modelling programs.
Objectives	Understanding ergonomic principles. Applying anthropometric data in product design. Designing for diverse users and universal access. Developing critical and creative problem-solving skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define ergonomics and anthropometric concepts in design. LO2. Analyse workplace postures and motions for product fit. LO3. Apply ergonomic guidelines to product design. LO4. Evaluate design solutions based on usability and comfort. LO5. Apply universal design principles in product development. LO6. Create prototypes that respond to user needs and ergonomic data.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	3	2	2	2	0	1	1	1	2	0	2	2
L02	3	4	3	2	0	3	1	2	3	0	2	3
L03	4	3	3	3	1	4	3	2	4	1	2	3
L04	4	4	3	3	2	4	3	2	4	1	2	3
L05	3	3	4	4	2	3	4	2	5	2	2	3
L06	5	4	4	3	1	5	4	5	3	3	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	1	1	0	0	0	0	1
L02	1	3	1	1	0	0	1
L03	2	3	1	1	0	0	1
L04	2	4	1	1	0	0	2
L05	2	3	3	3	0	0	3
L06	3	4	2	1	1	1	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Introduction to Ergonomics and Human Factors	L01
Anthropometric Measurements and Databases	L01, L02
Workplace Postures	L02, L03, L06
Workplace Motions and Repetitive Tasks	L02, L04, L06
Universal Design Considerations	L01, L03, L05

DERS BİLGİLERİ

Kodu	ARCD116
İsmi	Tasarımda Ergonomi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/ 3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, ürün tasarımı ergonomi ve antropometri ilkelerini tanıtmak üzere tasarlanmıştır. Öğrenciler; çalışma pozisyonlarını, hareketleri ve evrensel tasarım ilkelerini inceleyerek konforu, kullanılabilirliği ve verimliliği artıran ürünler geliştireceklerdir. Stüdyo temelli projeler aracılığıyla öğrenciler, ergonomik verileri ve tasarım yönergelerini uygulayarak insan odaklı çözümler geliştireceklerdir. Bu nedenle, öğrencilerin 3D modelleme programları hakkında temel düzeyde bilgi sahibi olmaları beklenmektedir.

COURSE RECORD

Code	ARCD151
Name	Design Implementations
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	ARCH250
Description	This course focuses on design ideas with different objectives and their implementation process that will be developed in collaboration with industry/public institutions/NGOs. The aim of the course is to observe, support and consult the products or prototypes of the students. While developing their design solutions and prototypes, students will have chance to work with different establishments and experience part-time internship.
Objectives	Applying design ideas and solutions into an economic output. Devising a whole process of a design prototype. Creating knowledge through learning by doing.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Relate design idea with ergonomics, cost, productivity etc. LO2. Construct a prototype considering all the components of a design. LO3. Determine professional life processes. LO4. Propose solutions on the technical details and material alternatives of a design idea.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	4	4	0	3	4	0	2	2	2	0
LO2	2	0	2	3	0	2	0	0	2	5	2	0
LO3	2	0	0	2	0	2	2	0	2	2	4	0
LO4	5	4	2	2	0	5	3	0	2	5	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	1	0	1	0	1
LO2	3	3	0	0	4	0	1
LO3	2	1	0	0	3	0	2
LO4	3	4	0	0	4	0	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Discussing the Details and Revisions of the Design	LO1, LO3, LO4
Discussing the Alternatives and Preparations for the Prototype	LO1, LO2, LO4
Preliminary Studies on the Prototype	LO2, LO3, LO4
Final Prototype	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD151
İsmi	Tasarım Uygulamaları
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH250
İçerik	Bu ders, endüstri/kamu kurumları/STK'larla iş birliği içinde geliştirilecek farklı hedeflere sahip tasarım fikirlerine ve bunların uygulama sürecine odaklanmaktadır. Dersin amacı öğrencilerin ürün/prototip süreçlerini gözlemlemek, desteklemek ve sürece danışmanlık yapmaktır. Öğrenciler, tasarım çözümlerini ve prototiplerini geliştirirken, farklı kuruluşlarla çalışma ve yarı zamanlı staj deneyimi kazanma şansına sahip olacaklardır.

COURSE RECORD

Code	ARCD203
Name	Alternative Construction Methods
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	“Alternative Construction Methods” course focuses on alternative building systems that use natural and reusable materials for building construction. The significant contribution of the course is to equip the students for carrying out research and design on the vernacular building technologies and their application to buildings. The “Systems & Materials” module mainly focuses on the historical background, the use in the buildings, design considerations, properties of the materials used, and available construction methods. During the “Design & Construct” module, students design and model a building by using alternative construction methods.
Objectives	Discussing “natural building” and “environmental architecture” phenomena. Examining natural and reusable materials. Identifying different alternative construction methods. Discussing buildings designed using alternative construction methods.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain the “natural building” and “environmental architecture” movements. LO2. Discover different natural and reusable materials. LO3. Assess different alternative construction methods. LO4. Develop building models using alternative construction methods through appropriate material and system selection.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	5	5	5	5	4	4	3	5	3	3	3
LO2	5	5	5	5	5	4	4	3	5	3	3	3
LO3	5	5	5	5	5	4	4	3	5	3	3	3
LO4	5	3	5	5	5	5	5	5	5	3	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	3	0	2	2	1
LO2	3	2	3	0	3	2	1
LO3	4	3	4	0	3	3	2
LO4	4	4	4	0	4	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Alternative construction	LO1
Systems and Materials	LO2, LO3
Design and Construction Experiences	LO4

DERS BİLGİLERİ

Kodu	ARCD203
İsmi	Alternatif Yapım Yöntemleri
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	“Alternatif Yapım Yöntemleri” dersi, bina üretiminde doğal ve yeniden kullanılabilir malzemeleri kullanan alternatif yapım sistemlerine odaklanır. Dersin önemli katkısı, öğrencileri yerel yapı teknolojileri ve bunların binalara uygulanması konusunda araştırma ve tasarım yapma konusunda donatmaktır. “Sistemler ve Malzemeler” modülü temel olarak tarihi geçmişe, binalardaki kullanımlara, tasarım konularına, kullanılan malzemelerin özelliklerine ve mevcut yapım yöntemlerine odaklanır. “Tasarım ve İnşa Etme” modülünde öğrenciler, alternatif yapım yöntemlerini kullanarak bir bina tasarlar ve modeller.

COURSE RECORD

Code	ARCD204
Name	Vernacular Architecture
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The course intends to identify vernacular architecture representing various geographic and climatic regions, cultures, materials, and building solutions, and to analyze vernacular architecture examples as an alternative tool for the development of today's architecture considering global environment issues. In addition, in-class discussions, reading the relevant texts, making sketches and models, field trips, analysis of the building or structures selected among the vernacular architecture, poster and model presentations are aimed within the course.
Objectives	Examining vernacular architecture through locality, geographic, climatic, and material characteristics, as well as cultural context. Analyzing vernacular architecture as a preventive measure against the environmental impacts of climate change. Extracting design ideas from the forms, structures, materials, and implementation techniques of vernacular architecture to generate innovative solutions addressing human needs. Developing analytical observation of the built environment, considering scientific data on regional and local parameters — topography, climate, soil, fauna — as well as energy conservation and human comfort.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify vernacular architecture examples across different geographic, climatic, cultural, and material contexts. LO2. Analyze vernacular architecture as a preventive measure against the environmental impacts of climate change. LO3. Apply holistic design approach considering the scientific data extracted through the analysis of the regional and local parameters, topography, climate, soil, fauna, etc. LO4. Evaluate vernacular design solutions, genius, primitive, or sophisticated, to generate innovative ideas that address tangible and intangible human needs.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	2	4	2	4	2	0	0	0	5	5	4
LO2	0	3	0	3	0	3	0	0	3	5	5	4
LO3	4	5	5	2	4	4	3	3	3	5	5	4
LO4	4	5	5	2	0	4	3	3	3	5	5	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	1	2	2	1	2	0
LO2	3	2	4	1	1	2	1
LO3	4	3	3	1	2	2	1
LO4	3	4	2	1	2	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Vernacular Architecture Through Locality, Geographic Characteristics, Regional Climatic Factors, Material Availability, Structure, and Social Life	L01, L02
What Vernacular Architecture Teaches as a Preventive Measure to Reduce the Impacts of Architecture on Global Environment Issues	L02, L03
Examination and Analysis of Vernacular Building Examples (Field trips)	L03, L04
Research and Discussions on Vernacular Architectures	L03, L04, L05

DERS BİLGİLERİ

Kodu	ARCD204
İsmi	Yerel Mimari
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, çeşitli coğrafi ve iklimsel bölgeleri, kültürleri, malzemeleri ve yapı çözümlerini temsil eden yerel mimariyi tanımlamayı ve küresel çevre sorunlarını göz önünde bulundurarak günümüz mimarisinin gelişimi için alternatif bir araç olarak yerel mimari örneklerini incelemeyi amaçlamaktadır. Ayrıca sınıf içi tartışmalar, ilgili metinlerin okunması, eskiz ve maket yapımı, alan gezisi, yerel mimariden seçilen yapı veya yapıların analizi, afiş ve maket sunumu yapılması hedeflenmektedir.

COURSE RECORD

Code	ARCD301
Name	Playing with the Past
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course examines representations of history in a variety of computer games not only to evaluate their accuracy against the standards of scholarly works, but also to investigate the assumptions that guide such representations and to determine whether these media can bring new questions and perspectives to academic research in the field of history. Students play the games and critically discuss how historical themes are represented in digital environments.
Objectives	Providing basic skills on how to think contextually in historical settings and draw conclusions regarding the sequence of events taking place in the respective settings. Examining the construction of historical knowledge and how each society understands and produces history. Identifying the importance of socio-political, cultural, economic, and technological developments and their role in history using grand -strategy computer games about history. Utilizing computer games for interactive learning and thinking environment for learning world history.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Create blog posts regarding a historical topic. LO2. Analyze a historical context using computer games as a secondary source of information. LO3. Construct effective arguments in support of a thesis. LO4. Criticize conflicting historical events and information.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	2	0	2	0	1	0	2	0	0	0	3
LO2	0	3	0	4	0	3	0	1	2	2	2	1
LO3	0	4	0	2	0	2	0	1	1	2	1	3
LO4	0	4	0	0	0	2	0	0	0	2	1	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	2	2	0	1	1	4	0
LO2	4	3	0	2	1	2	0
LO3	1	3	0	1	2	3	0
LO4	2	4	0	2	2	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Learning History and Understanding Historical Contexts	LO2, LO4
Computer Games as Sources for Historical Inquiry	LO2, LO3, LO4
Gaming Sessions: Analysis and Critical Discussion	LO2, LO3, LO4
Historical Argumentation	LO1, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD301
İsmi	Geçmişle Oynamak
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans / 3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, çeşitli bilgisayar oyunlarındaki tarih temsillerini yalnızca akademik çalışmaların standartları doğrultusunda doğruluklarını değerlendirmek için değil, aynı zamanda bu tür temsillere yön veren varsayımları araştırmak ve bu medyanın tarih alanındaki akademik araştırmalara yeni sorular ve bakış açıları getirip getiremeyeceğini belirlemek amacıyla incelemektedir. Öğrenciler oyunları oynar ve tarihsel temaların dijital ortamlarda nasıl temsil edildiğini eleştirel bir bakış açısıyla tartışırlar.

COURSE RECORD

Code	ARCD302
Name	Traditional Housing Culture in Anatolia
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The course is based on understanding the culture and characteristics of traditional residential buildings in different regions of Anatolia. It is focused on the outcomes of the different ways of interactions between human and places, the characteristics of settlements and houses. Local and cultural factors and accordingly, different architectural forms and spaces are intended to be explored concerning diverse geographical conditions. During the semester, characteristics of traditional houses in different regions of Anatolia will be examined through spatial organization, construction technique, materials and interaction patterns of users and spaces.
Objectives	Discussing the history of traditional housing culture in Anatolia. Describing the different approaches classifying traditional residential buildings in Anatolia. Examining the organization of the traditional houses in the traditional settlements and their relations with the environment in different regions of Anatolia. Arguing the effects of environmental, social, and cultural factors on architectural forms of the traditional residential buildings in different regions in Anatolia.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define the different kinds of housing in Anatolia since pre-historic times. LO2. Make use of the basic terminology and spatial organization principles of traditional Anatolian houses. LO3. Interpret the effects of local (physical) characteristics (geography, topography, climate) in the formation of traditional houses in Anatolia. LO4. Criticize the effects of cultural factors (production, daily life, traditions) in the formation of traditional houses in Anatolia.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	0	1	1	2	4	0	0	0	0	0	0	0
LO2	0	2	2	2	3	1	0	1	0	0	1	2
LO3	0	3	3	3	4	1	2	0	1	0	2	1
LO4	0	4	2	3	5	1	2	0	2	0	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	2	1	0	1	0	0	0
LO2	2	2	0	0	0	0	0
LO3	3	3	2	1	1	1	0
LO4	3	4	2	1	1	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Definition of Housing Term	L01
Development of Housing Culture	L01, L02
Basic Concepts of Housing	L01, L02
Definition of Regions in Anatolia	L01, L02
Traditional Houses in Black Sea Region (Northern Anatolia)	L02, L03, L04
Traditional Houses in Eastern Anatolia	L02, L03, L04
Traditional Houses in Central Anatolia	L02, L03, L04
Traditional Houses in Southeastern Anatolia	L02, L03, L04
Traditional Houses in Aegean Region (Western Anatolia)	L02, L03, L04
Traditional Houses in Mediterranean Region (Southern Anatolia)	L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCD302
İsmi	Anadolu'da Geleneksel Konut Kültürü
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, Anadolu'nun farklı bölgelerindeki geleneksel konut yapılarının kültürünü ve özelliklerini anlamaya dayanmaktadır. İnsan ve yer arasındaki farklı etkileşim biçimlerinin sonuçlarına odaklanır; yerleşmelerin ve evlerin özellikleri. Yerel ve kültürel faktörler ve buna bağlı olarak farklı mimari formlar ve mekanlar, farklı coğrafi koşullar göz önünde bulundurularak keşfedilmeyi amaçlamaktadır. Dönem boyunca Anadolu'nun farklı bölgelerindeki geleneksel konutların özellikleri, mekân organizasyonu, yapım tekniği, malzeme ve kullanıcı ve mekanların etkileşim örüntüleri üzerinden incelenecektir.

COURSE RECORD

Code	ARCD303
Name	20th Century Architecture
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	Course intends to create a critical point of view over cultures and architectures of 20th Century, and the interactions and conflicts of the social environment, technics and technologies. Architectural and historical backgrounds of the 20th Century are examined to evaluate their formal and stylistic characteristics in a contextual approach. Course also generates a research environment to discover not only the impressions or expressions and their artifacts, but also the social order, art and culture of the world civilizations.
Objectives	Exploring the historical background of the world civilizations. Examining the relationship between architectures of civilizations and their theories in history. Comprehending the interactions of building techniques and technologies in history. Illustrating the development process of building technologies and culture.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Evaluate the effects of the global characteristics on the development of architecture. LO2. Examine the economic, social and political developments of modernization and its effects on art and architecture. LO3. Criticize historical continuity and development. LO4. Create a sense of architectural culture through historical perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	2	4	3	2	2	0	0	2	2	0	1	0
LO2	2	4	1	4	2	0	0	0	4	0	1	0
LO3	2	3	0	3	4	1	0	0	2	0	2	0
LO4	2	5	2	2	4	2	2	2	3	0	3	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	3	2	2	0	0	0
LO2	4	2	2	1	0	0	0
LO3	3	4	0	1	0	0	0
LO4	2	2	1	2	0	0	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Dilemmas of the 20 th Century Art and Architecture	LO1, LO2
Modern Roots; Less and More?	LO1, LO2, LO3
Utopia: Urban planning and Architecture	LO1, LO2, LO3
"Less is a bore." Post-Modernism	LO1, LO2, LO3
Deconstruction, Deconstructivism	LO2, LO3, LO4
Hermeneutics	LO2, LO3, LO4
Learning from 20 th Century	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD303
İsmi	20. Yüzyıl Mimarlığı
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, 20. Yüzyıl mimarlığı ve kültürü ile sosyal çevreler, teknik ve teknolojilerle etkileşim ve çatışmalar üzerine eleştirel bir bakış açısı oluşturmayı amaçlamaktadır. Kavramsal bir bakış açısıyla, 20. Yüzyılın mimarlık ve tarihsel geçmişi, biçim ve üslup üzerinden incelenecek ve değerlendirilecektir. Ders, sadece etkiler, sonuçlar veya ürünler üzerinden değil aynı zamanda dünya medeniyetlerinin toplumsal düzen, sanat ve kültürlerine odaklanan zengin bir ortam oluşturacaktır.

COURSE RECORD

Code	ARCD305
Name	Contemporary Issues in Cultural Heritage Studies
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course is open for all students interested in cultural heritage studies for understanding basic concepts of theories of cultural heritage studies and implementations including expertise of different disciplines. Culture, as a concept, includes many perspectives and fields of studies to investigate. Thus, cultural heritage studies require multidisciplinary methodology to understand and interpret the basic concepts and approaches related to the concept of culture and its impact area. This course aims to discuss the concept of 'culture' and 'cultural heritage' through different disciplines such as architecture, politics, art, and history and provide a comprehensive understanding of culture with different concepts such as heritage, memory, cultural conflicts/exchanges, authenticity, or politics. Besides, this course has several thematic modules which respond to contemporary discussions and cultural agenda in a global context.
Objectives	Describing the main parameters and concepts about the concept of culture and cultural heritage and its diverse field of studies. Examining diverse approaches about cultural heritage in different countries. Examining the process of interpretation and preservation of cultural assets considering social, economic, and political concerns. Discussing the current political, social, and economic issues and their effects on understanding.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify culture as a concept and cultural heritage as a value in multidisciplinary contexts. LO2. Identify concepts and terminology about culture and cultural heritage studies. LO3. Interpret the interactions, integrations, conflicts or exchanges between different cultures and their impact on cultural heritage studies. LO4. Criticize different approaches about understanding and preservation of cultural heritage in different geographies.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	3	0	4	5	0	4	0	0	3	0	5
LO2	0	3	0	4	5	0	4	0	0	3	0	5
LO3	0	3	0	4	5	0	4	0	0	3	0	5
LO4	0	3	5	4	5	0	4	0	0	3	0	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	2	0	1	0	0	0
LO2	2	1	0	1	0	0	0
LO3	3	3	2	4	1	0	0
LO4	4	5	2	4	1	0	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Culture vs. Tradition	L01, L02
Culture as a "Value": Cultural Heritage	L01, L02
Culture in Architecture	L01, L02, L03
Culture and Politics	L02, L03, L04
Culture and Change	L02, L03, L04
Preservation of Cultural Heritage	L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCD305
İsmi	Kültürel Miras Çalışmalarında Güncel Konular
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, kültürel miras çalışmalarıyla ilgilenen tüm öğrencilere, farklı disiplinlerin uzmanlıklarını içeren kültürel miras çalışmaları teorileri ve uygulamalarının temel kavramlarını anlamak için açıktır. Kültür, kavram olarak pek çok bakış açısını ve araştırılması gereken çalışma alanlarını içerir. Bu nedenle kültürel miras çalışmaları, kültür kavramı ve etki alanı ile ilgili temel kavram ve yaklaşımları anlamak ve yorumlamak için çok disiplinli bir metodoloji gerektirir. Bu ders, 'kültür' ve 'kültürel miras' kavramlarını mimarlık, siyaset, sanat ve tarih gibi farklı disiplinler üzerinden tartışmayı ve miras, bellek, kültürel çatışmalar/değişimler, özgünlük ya da siyaset gibi farklı kavramlarla kapsamlı bir koruma anlayışı sağlar. Ayrıca, küresel bağlamda güncel tartışmalara ve kültürel gündeme yanıt veren tematik modüller üzerinden kurgulanmıştır.

COURSE RECORD

Code	ARCD306
Name	Anatolian Archaeology & Architecture
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/2-3
Type	Elective
Prerequisites	-
Description	Anatolia has been settled by various civilizations for centuries by various civilizations. Examination of Prehistoric, Classical, Late Antique and Medieval periods of Anatolia through the cities or settlements is vital to understand the further culture's urban formation and architecture. Different cultures affected each other and the interactions between these cultures can be observed through several fields like art, architecture, urbanization, and even daily life. In this context, archaeological evidence and physical remains should be understood, interpreted, and assessed efficiently to grasp the cultural continuity of Anatolia. Investigating archaeological findings, architectural values, art, and culture of Anatolia will provide an intellectual perspective to interpret today's urban topography and architecture in a holistic approach.
Objectives	Understanding the cultural and historical background of Anatolia through the architecture and archaeology of Late Antique and Medieval Anatolia. Examining different cities and buildings in diverse regions to comprehend construction technique and use of materials and parameters affecting this diversity. Understanding the role of archaeology to analyze the urban topography and architecture. Comprehending the cultural diversity of Anatolia and cultural interactions between different societies.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> L01. Identify cultural continuity of Anatolia through archaeological and architectural remains. L02. Identify urban formation, building types and construction techniques in Late Antique and Medieval Anatolia L03. Interpret changing cultural interactions/exchange between different societies through architecture. L04. Evaluate archaeological findings to understand the cultural characteristics of (remaining) built environment. L05. Compare changing cultural, geographical, and architectural contexts and strata of settlements. L06. Make use of different sources to research history, archaeology, and architecture of Anatolia.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	3	0	0	0	4	0	0	0	4	0	0	0
L02	0	1	3	0	3	0	0	0	4	0	0	0
L03	0	3	0	3	3	0	0	0	3	0	1	3
L04	3	4	0	0	4	0	0	0	0	0	1	2
L05	0	0	4	0	4	0	0	0	0	0	2	0
L06	0	0	0	5	2	0	0	0	0	0	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	2	1	3	1	0	0	0
L02	2	1	2	1	0	0	0
L03	3	3	1	4	0	1	0
L04	2	4	3	1	1	1	0
L05	2	3	2	2	1	0	0
L06	4	2	2	1	3	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Introduction to Late Antique and Medieval Anatolia: Art and Architecture	L01
What is Archaeology?	L01, L06
Archaeological Research and Architecture	L01, L04
Urban Archaeology of Anatolia	L02, L03, L06
Capadocia as a Cultural Landscape	L04, L05, L06
Rural Archaeology of Anatolia	L05, L06
Discovering Multicultural Strata of Archaeological Sites	L05, L06

DERS BİLGİLERİ

Kodu	ARCD306
İsmi	Anadolu Arkeolojisi ve Mimarlığı
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/2-3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	
İçerik	Anadolu yüzyıllar boyunca birçok medeniyetin yaşadığı bir coğrafyadır. Bu ders kapsamında, medeniyetler arası kültürel etkileşim ve alışverişin daha iyi anlaşılmasını sağlayacaktır. Bu bağlamda arkeoloji ve mimarlık disiplinleri, bulgu ve bilgilerin fiziksel çevre üzerinden yorumlanması, tartışılması ve Anadolu'daki kültürel sürekliliğin anlaşılması için oldukça önemlidir. Mimarların arkeolojik çalışmalarındaki rolü, katkısı ve kendi mesleki disiplinleri üzerinden arkeolojik buluntuları, mimarı değerleri, geçmiş dönemleri tanımlayan sanatı ve kültürü araştırmaları, bugünün kentlerini ve mimarlığını bütüncül bir yaklaşımla yorumlayabilmeye olanak sağlayacaktır.

COURSE RECORD

Code	ARCD307
Name	Palimpsest Cities
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate
Type	Elective
Prerequisites	-
Description	This course deals with multi-layered cities. Within the scope of the course, the historical and cultural layers of the selected multi-layered city or settlement example are primarily examined. The aim of the course is creating architectural history and cultural heritage awareness, by particularly using techniques of gamification and digital storytelling, and a student-centered approach.
Objectives	Creating architectural history and cultural heritage awareness, especially for multilayered cities. Creating intangible heritage awareness, by establishing bonds with city's past and its inhabitants. Using techniques of gamification, digital storytelling and model making within a student-centered approach.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Discover the historical buildings of the multi-layered city which they choose. LO2. Examine the different periods of the city they live in to distinguish the structures of these different layers from each other and to have a holistic perspective on the different layers of the city. LO3. Relate the historical buildings, events, and people of the city as a whole by creating digital stories, city models, timelines that will use all these elements together. LO4. Interpret the intangible cultural heritage elements of the city by including them in their studies during the semester. LO5. Construct research by improving teamwork skills.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	5	0	3	4	0	0	0	1	0	1	0
LO2	0	5	0	3	4	0	0	0	1	0	1	0
LO3	0	5	0	3	4	0	0	2	1	4	1	3
LO4	0	5	0	3	4	0	0	2	1	4	1	3
LO5	0	5	0	3	4	0	0	2	0	5	1	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	2	0	1	0	1	0	0
LO2	2	3	2	1	1	0	0
LO3	3	4	3	1	2	1	0
LO4	3	3	3	1	2	1	1
LO5	1	2	0	0	4	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Palimpsest Cities: Gamification and Storytelling for Architectural History and Cultural Heritage Awareness	LO1, LO2
Field Trips to Examine The Palimpsest City	LO1, LO2
Timeline Travel	LO3, LO4, LO5
Digital Storytelling	LO3, LO4, LO5
Model Making	LO3, LO5
City on Trial	LO4, LO5

DERS BİLGİLERİ

Kodu	ARCD307
İsmi	Palimpsest Şehirler
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders çok katmanlı kentleri konu edinmektedir. Ders kapsamında, seçilen çok katmanlı kent veya yerleşim örneğinin tarihi ve kültürel katmanları öncelikle incelenmektedir. Kentin geçmişi ve sakinleriyle bağ kurarak, oyunlaştırma ve dijital anlatım tekniklerini kullanarak mimarlık tarihi, kültürel miras ve somut olmayan miras farkındalığının artırılması amaçlanmaktadır.

COURSE RECORD

Code	ARCD401, ARCD402, ARCD403, ARCD404
Name	Exchange Transfer Elective 1, 2, 3, 4
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring the disciplinary and interdisciplinary based courses taken at national or international exchange to the program and information system.
Objectives	Enriching cultural perspectives, and architectural background. Improving professional mindset.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Create an understanding of architecture. LO2. Determine the idea of alternative thinking. LO3. Recall a review or new perspective to enrich the field architecture. LO4. Create an academic output in an inter- and trans-disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	4	4	4	5	4	3	4	5	3	5	5
LO2	5	5	5	4	5	4	3	4	4	3	4	4
LO3	5	5	5	5	5	5	4	4	4	4	5	5
LO4	5	5	5	5	5	5	5	4	4	4	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	1	1	0	2	1	1
LO2	1	4	1	0	2	0	0
LO3	2	3	1	1	3	2	1
LO4	5	3	1	1	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD401, ARCD402, ARCD403, ARCD404
İsmi	Değişim Programı Seçmeli Transfer Dersi 1, 2, 3, 4
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, ulusal ve uluslararası değişim programlarında alınan disiplin içi ve disiplinler arası derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCD410
Name	Global Perspectives on Urban Street Design
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course focuses on understanding the importance of urban streets, which constitute the largest urban spaces of cities, in shaping the city and its architecture. Throughout the historical process, street approaches and change processes in different parts of the world will be critically analyzed and discussed together. In the last stage, the important problems faced by the street or streets with high accident rates in Kayseri will be analyzed. In line with the analyses, suggestions will be made to use the streets as urban spaces and to obtain safe street spaces for all users.
Objectives	Analyzing and conceptualizing urban street design processes. Exploring the historical evolution of different street design approaches that shape cities through urban streets. Conducting research on the urban street with interdisciplinary research experience. Adapting street design approaches for everyone to our country with safe sustainable mobility.
Learning Outcomes	<i>By the end of the course, student will be able to:</i> LO1. Create a design solution using different expression tools. LO2. Apply design thinking and design processes to designing urban spaces. LO3. Analyze the importance of street design in the development process of the city. LO4. Compose new approaches in street design in line with the needs and demands of all street users.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	3	0	5	5	0	5	5	5	0	0	5	3
LO2	3	3	5	5	0	3	0	5	0	3	5	3
LO3	3	3	5	3	0	5	0	5	0	5	5	3
LO4	5	0	5	5	0	5	5	5	0	0	5	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	5	0	0	2	3	0
LO2	3	3	2	0	2	0	0
LO3	4	3	3	1	1	1	0
LO4	4	4	4	2	2	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Introduction to Urban Street Design Approaches	L02, L03
Historical Background of Cities and Streets in the World	L02, L03
Current Street Design Approaches from the World: Perceptual View of Street Design Processes	L01, L02, L03
Developing Alternative Street Design Approaches	L01, L04

DERS BİLGİLERİ

Kodu	ARCD410
İsmi	Kentsel Sokak Tasarımında Küresel Perspektifler
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, şehirlerin en büyük kentsel mekanlarını oluşturan kentsel sokakların, şehri ve mimarisini şekillendirmedeki önemini anlamaya odaklanır. Tarihsel süreç boyunca dünyanın farklı yerlerindeki sokak yaklaşımları ve değişim süreçleri birlikte eleştirel bir gözle incelenecek ve tartışılacaktır. Son aşamada ise Kayseri'de kaza oranları yüksek olan cadde veya sokakların karşılaştığı önemli sorunlar analiz edilecektir. Analizler doğrultusunda sokakların kentsel mekân olarak kullanılması ve tüm kullanıcılar için güvenli sokak alanlarının tasarlanması için önerilerde bulunulacaktır.

COURSE RECORD

Code	ARCD411
Name	Urban Traffic Planning
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The course aims to explain the basic concepts and design principles related to road and traffic flow and to teach the basics of sustainability and smart transportation systems in transportation. Thus, the importance of the interaction between urban land use and traffic and transportation are analyzed, discussed, and evaluated through examples.
Objectives	Conveying the basic principles and importance of the management and planning of urban road traffic systems to the students. Learning on design types of parking in city space. Teaching on the knowledge of traffic planning and management within the scope of the transportation system in cities. Teaching on the concept of sustainability in transportation.
Learning Outcomes	<i>By the end of the course, student will be able to:</i> LO1. Define knowledge of highway and inner-city roads design principles LO2. Interpret information on traffic planning and implementation through sample applications. LO3. Solve the traffic problems on City spaces. LO4. Evaluate the relationship between pedestrians, bicycles, and motor vehicles in traffic.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	0	0	4	4	0	2	0	2	3	3	5	5
LO2	0	0	4	4	0	2	0	2	3	3	5	5
LO3	0	0	4	5	0	2	0	2	3	4	5	5
LO4	0	0	4	5	0	2	0	2	3	4	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	IL02	IL03	IL04	IL05	IL06	IL07
LO1	5	0	1	0	1	0	1
LO2	3	2	1	0	2	1	0
LO3	4	4	3	0	2	1	3
LO4	4	4	4	0	1	1	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Introduction to Traffic Planning and Types of Transport System	LO1, LO2, LO3
Urban Highway Design Principles	LO1, LO2, LO3
Traffic Flow Variables and Their Relationships	LO1, LO2
Urban Land Use and Accessibility Concept	LO1, LO2
Types of Parking in City Space	LO2, LO3
Pedestrian and Bicycle Traffic and Design Principles	LO1, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD411
İsmi	Kentsel Trafik Planlaması
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders karayolu ve trafik akışına ilişkin temel kavramların, tasarım ilkelerinin anlatılması ve ulaştırmada sürdürülebilirlik ve akıllı ulaşım sistemlerinin temellerinin öğretilmesi amaçlanmaktadır. Böylece kentsel arazi kullanımı ile trafik ve ulaşım arasındaki etkileşimin önemi örnekler üzerinden ele alınarak; analiz edilerek tartışılacak ve değerlendirilecektir.

COURSE RECORD

Code	ARCD412
Name	Data Analysis & Planning Technics
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course presents the basic statistical analysis method and planning technics for a better understanding of nature of environment, demographical distribution, economic indicators, urban planning process etc. Students analyze many global issues based on different nominal, ordinal or scaled data by using statistical and GIS programs. At the end of the course, students are expected to prepare a case study to report their data that is produced by them.
Objectives	Analyzing the planning process and movement in the city. Explaining the human mobility by different data. Constructing ideas via statistical measurements. Understanding of data from different sources. Estimating and evaluating of future tendencies.
Learning Outcomes	<i>By the end of the course, student will be able to:</i> LO1. Identify key features of urban planning principles. LO2. Explain how this specific planning process is aligned with different data sources. LO3. Analyze land use and functional distribution based on the different inputs by observing, gathering, and examining the city as well as a case study by using specific parameters and data. LO4. Relate these goals with your individual fields as well as other fields. LO5. Synthesize land use, urban planning process, parameters, and statistical data.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	3	3	3	0	0	0	3	2	0	3	0
LO2	3	4	4	3	0	3	3	4	3	0	4	3
LO3	4	4	4	3	0	4	3	4	0	3	4	4
LO4	4	4	3	4	0	3	3	3	0	0	4	0
LO5	5	3	4	3	0	3	3	3	3	0	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	0	1	0	1	0	1
LO2	3	1	1	0	2	1	1
LO3	4	3	2	1	3	1	2
LO4	3	2	3	2	3	0	1
LO5	3	1	1	0	2	2	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Introduction to Data and Planning Technics	LO1, LO2, LO3
Types of Data	LO1, LO4
Getting to Know Analysis Programs	LO1, LO2, LO5
Basic Statistical Calculations	LO2, LO4
Planning Process and Analysis Methods	LO1, LO3, LO5
Analyzing Land Use and Functional Distribution	LO1, LO2, LO3

DERS BİLGİLERİ

Kodu	ARCD412
İsmi	Veri Analizi & Planlama Teknikleri
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu dersin amacı; doğal çevrenin durumu, demografik dağılım, ekonomik göstergeler, kentsel planlama süreci gibi konuları daha iyi anlamak için temel istatistiksel analiz yöntemlerini ve planlama tekniklerini sunmaktır. Öğrenciler birçok küresel konuyu istatistik ve CBS programlarını kullanarak farklı nominal, sıralı veya ölçekli verilere dayanarak analiz etmektedir. Dersin sonunda öğrencilerden kendi ürettikleri verileri raporlamak için bir uygulama ödevi hazırlamaları beklenmektedir.

COURSE RECORD

Code	ARCD413
Name	Principles of Urban & Landscape Design
Hour per week	3 (3 Theory + 0 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	The course provides a comprehensive framework for understanding the site, urban space, active and passive green systems, open and semi-open spaces, and design elements, concepts, and principles while considering landscape as both a natural and cultural process. The primary objective is to facilitate the integration of knowledge acquired during lectures with real-world spatial contexts, enabling students to grasp the intricate interplay between landscape and architecture. Through this curriculum, students will develop the skills necessary to analyze and design spaces that reflect both ecological and cultural dimensions. The course focuses on landscape design phases and presentations.
Objectives	Understanding the comprehensive framework for site, urban space, and green systems (both active and passive). Analyzing open and semi-open spaces in the context of design elements, concepts, and principles. Integrating lecture knowledge with real-world spatial contexts to understand landscape-architecture interplay. Developing skills necessary for designing spaces that reflect ecological and cultural dimensions.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Define the fundamental concepts of site, urban space, and green systems. LO2. Distinguish open and semi-open spaces using design principles and concepts. LO3. Evaluate theoretical knowledge from lectures with practical spatial contexts. LO4. Design spaces that effectively incorporate both ecological and cultural elements.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	4	4	4	0	0	0	0	4	0	4	4
LO2	4	5	2	4	0	0	2	2	4	0	3	0
LO3	2	4	4	0	0	4	4	2	4	0	3	0
LO4	1	3	4	5	4	5	5	5	4	4	5	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	2	2	0	1	0	1
LO2	3	3	1	0	1	0	1
LO3	3	3	2	0	2	1	1
LO4	4	4	4	2	2	1	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Design Elements and Principles	LO1, LO2
Urban Spaces and Green Systems	LO1, LO2
Ecological and Cultural Dimensions in Design	LO2, LO3
Future Trends in Landscape and Urban Design	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCD413
İsmi	Kent ve Peyzaj Tasarımı İlkeleri
Haftalık Saati	3 (3 Teori + 0 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, peyzajı hem doğal hem de kültürel bir süreç olarak ele alırken, alanı, kentsel mekânı, aktif ve pasif yeşil sistemleri, açık ve yarı açık alanları ve tasarım öğelerini, kavramlarını ve ilkelerini anlamak için kapsamlı bir çerçeve sunar. Temel amaç, dersler sırasında edinilen bilgilerin gerçek dünyadaki mekânsal bağlamlarla bütünleştirilmesini kolaylaştırarak öğrencilerin peyzaj ve mimarlık arasındaki karmaşık etkileşimi kavramalarını sağlamaktır. Bu müfredat sayesinde öğrenciler hem ekolojik hem de kültürel boyutları yansıtan mekanları analiz etmek ve tasarlamak için gerekli becerileri geliştireceklerdir. Ders, peyzaj tasarım aşamalarına ve sunumlarına odaklanmaktadır.

COURSE RECORD

Code	ARCD451
Name	Practice in Architectural Offices
Hour per week	5 (1 Theory + 4 Practice)
Credit	2
ECTS	2
Level/Year	Undergraduate/4
Type	Elective
Prerequisites	ARCH302 or ARCH350
Description	In addition to the mandatory internships, this elective internship course is designed to support students completing their internships specifically in professional architectural offices, providing a structured platform for architecture students to experience professional practice by integrating their theoretical knowledge with real working environments. As with the mandatory internship course, the professional architectural environment in which students participate through their own connections will offer practical experience that reinforces both the theoretical and technical competencies they have acquired throughout their education and will serve as a gateway for students taking their first steps into the architectural profession.
Objectives	Recognizing the current architectural design practice for improving professional capacity and abilities. Using architectural design knowledge in an architectural office. Examining the requirements of the architectural design process by focusing on project management abilities. Discussing the roles of the shareholders of the design practice from different specializations.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Discover the characteristics of architectural offices for improving professional capacity and abilities. LO2. Propose architectural design knowledge to professional design practice. LO3. Evaluate project management practices. LO4. Examine the relationship between different shareholders of the design practice.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	5	1	0	0	5	0	1	5	0	0	0
LO2	3	3	0	0	0	5	0	1	3	0	0	0
LO3	3	3	0	3	0	5	3	1	3	0	0	3
LO4	3	1	0	0	0	5	0	1	3	0	0	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	2	1	1	3	1	4
LO2	4	4	2	0	3	1	4
LO3	3	4	2	1	3	1	4
LO4	3	3	4	1	3	1	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
The Understanding of an Architectural Practice	LO1, LO2
Integrating Design Theory into Professional Application	LO2, LO3, LO4
Fundamentals of Architectural Project Management	LO3
Stakeholder Mapping and Engagement Strategies	LO3, LO4
Contracts, Ethics, and Professional Liability	LO3, LO4, LO5
Financial Management for Architects	LO4, LO5

DERS BİLGİLERİ

Kodu	ARCD451
İsmi	Mimarlık Ofislerinde Mesleki Uygulama
Haftalık Saati	5 (1 Teori + 4 Pratik)
Kredi	2
AKTS	2
Seviye/Yıl	Lisans/4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	ARCH302 ya da ARCH350
İçerik	Zorunlu stajlara ek olarak, bu seçmeli staj dersi özellikle profesyonel mimarlık ofislerinde yapılacak stajları desteklemek amacıyla tasarlanmış olup, mimarlık öğrencilerine teorik bilgilerini gerçek çalışma ortamlarıyla bütünleştirerek mesleki pratiği deneyimleyebilecekleri yapılandırılmış bir öğrenme alanı sunmaktadır. Zorunlu staj dersinde olduğu gibi, öğrencilerin kendi bağlantıları aracılığıyla dahil oldukları profesyonel mimarlık ortamı, onların eğitimleri süresince edindikleri teorik ve teknik yeterlikleri pekiştiren pratik deneyimler kazanmalarını sağlayacak ve mimarlık mesleğine ilk adımlarını atmaları için önemli bir geçiş niteliği taşıyacaktır.

COURSE RECORD

Code	MTH261
Name	Environmental Noise Management
Hour per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course provides fundamental information on environmental noise and acoustics. It covers noise measurement, mapping, reporting, and the preparation of noise action plans in accordance with relevant national and international standards and regulations. The course also introduces environmental noise management practices and related studies conducted in Türkiye and worldwide, with a focus on the prevention and reduction of environmental noise.
Objectives	Explaining the impacts of environmental noise on the environment and human health. Examining principles and practices of environmental noise management. Developing strategic noise maps and noise action plans. Applying noise control measures for preventing and reducing environmental noise.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain fundamental concepts and principles of environmental noise management. LO2. Select appropriate noise propagation modeling methods for different situations. LO3. Apply noise modeling methods by mathematically representing environmental noise problems. LO4. Analyze and process environmental noise data to generate appropriate outputs. LO5. Develop noise action plans for environmental noise management. LO6. Apply noise control measures to reduce environmental noise using an engineering problem-solving approach.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	3	2	0	1	2	0	0	0	3	1	2	1
LO2	3	4	2	2	4	3	0	0	3	2	2	1
LO3	4	4	3	2	4	4	0	3	3	2	2	2
LO4	3	4	4	2	4	4	0	4	3	2	2	2
LO5	4	4	4	3	4	4	3	3	5	3	3	3
LO6	4	4	3	3	4	5	3	2	5	3	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	4	2	3	1	2	1	3
LO2	5	4	3	1	3	1	3
LO3	5	4	3	1	3	2	3
LO4	5	4	3	1	3	3	3
LO5	5	5	5	3	4	3	4
LO6	5	5	5	2	4	2	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Fundamentals of Acoustics and Environmental Noise	L01
Environmental Noise and Health Effects	L01, L04
Environmental Noise Measurement and Mapping	L01, L04
Environmental Noise Modeling and Validation	L02, L03, L04
Noise Action Planning	L04, L05, L06
Noise Control Measures and Barrier Design	L03, L05, L06

DERS BİLGİLERİ

Kodu	MTH261
İsmi	Çevresel Gürültü Yönetimi
Haftalık Saati	3 (2 Teori + 1 Pratik)
Kredi	3
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, çevresel gürültü ve akustik hakkında temel bilgiler sunmaktadır. Gürültü ölçümü, haritalama, raporlama ve ilgili ulusal ve uluslararası standartlar ve yönetmelikler doğrultusunda gürültü eylem planlarının hazırlanmasını kapsamaktadır. Ders ayrıca, çevresel gürültünün önlenmesi ve azaltılmasına odaklanarak, Türkiye’de ve dünya genelinde yürütülen çevresel gürültü yönetimi uygulamalarını ve ilgili çalışmaları tanıtmaktadır.

COURSE RECORD

Code	ARCG103
Name	Architectural Image & Materials
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This lesson is aimed at material beyond just looking at a structural element how the material will be handled in a different perspective, how it contributes to the architectural design and the structure, and how it can be presented. In addition to the physicality of the material, there is a significant mental and perceptual dimension is one of the purposes to keep in mind.
Objectives	Exercising architectural design process through materials. Examining the roots of architectural design process. Criticizing the mean of the material as an expression of architectural thought. Studying potential of materials on design process.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Examine the role of the materials in architectural design process. LO2. Explain the materials and their behavior. LO3. Deduce the architectural design idea and building, as an artefact. LO4. Explore the possibilities on design process through materials.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	4	2	5	2	4	3	3	2	2	3	1	0
L02	4	2	5	2	3	4	3	2	2	3	1	0
L03	3	2	5	5	3	2	4	4	4	3	3	0
L04	5	4	5	4	4	4	3	2	3	4	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	3	1	0	1	0	2
L02	3	2	1	0	1	0	3
L03	3	4	1	1	1	1	3
L04	3	4	2	1	2	1	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Etymological Origin of the Material, Comprehension of Semantic Pattern.	L01, L02, L03
Examination of Material Through Perception-Memory	L03, L04
Tectonic Concept and Tectonic as a Material Language	L03, L04
Material as a Tool to Understand the Architectural Design Intentions	L03, L04
Architects and Architectures; Approaches and Materials	L03, L04

DERS BİLGİLERİ

Kodu	ARCG103
İsmi	Mimari İmge & Malzeme
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, mimari eleştirileri malzeme üzerinden tartışmak üzere tasarlanmıştır. Mimari olarak, malzeme, tasarımda tamamen dahil edilmesi gereken bir unsur olarak düşünülmektedir. Bu bağlamda, dönem boyunca bir araştırma odaklı proje incelemeleri geliştirilmektedir. Malzemenin tasarım sürecine dahil edildiği mimarlık, mimar ve mimarın teorileri incelenecektir.

COURSE RECORD

Code	ARCG105
Name	Model Making
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is an introduction to model making, the act of producing real 3D representations of buildings or objects, which embraces different applications, scales, materials, and techniques. It encourages the research and discovery of new ways of making and representing the architectural model through a combination of fine arts and digital production. The course challenges students to solve a given brief across a series of short exercises that combines theory and practice. To increase the awareness to the production process, variable exercises (including techniques like digital 3D drawings, embossing, etching, carving, molding, and casting) are conducted through experimentation and manufacturing.
Objectives	Understanding the border between architecture, fine arts, and product design, while encouraging work in the overlapping areas. Understanding the creation methods of architecture and art with digital design and automated production. Applying different techniques, tools, and materials to produce models, mock-ups, and prototypes. Applying 3D modelling techniques with Rhino3d and Sketchup.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the interdependence of design process and its representation through different types of models. LO2. Explain the materials and their behavior. LO3. Interpret technical know-how on various model making tools, machinery, and their operations. LO4. Apply the interoperability of manual and digital model making.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	2	5	4	4	5	3	5	0	3	2	0
LO2	3	2	5	4	3	5	3	3	0	3	3	0
LO3	3	2	5	5	3	5	4	5	4	3	5	0
LO4	4	4	5	4	4	5	3	5	2	4	4	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	4	1	0	2	1	1
LO2	3	2	1	0	1	0	2
LO3	3	2	1	0	2	1	3
LO4	3	2	1	0	2	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Discussing the Model Making Techniques	LO1, LO2, LO3
Digital Modelling	LO3, LO4
Modelling for Production	LO3, LO4
Model Making of a Brief	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG105
İsmi	Model Yapımı
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, binaların veya nesnelerin gerçek üç boyutlu temsillerini üretme eylemi olan model yapımına bir giriş niteliğindedir ve farklı uygulama, ölçek, malzeme ve teknikleri kapsamaktadır. Güzel sanatlar ve dijital üretimin bir kombinasyonu yoluyla mimari modeli oluşturmanın ve temsil etmenin yeni yollarının araştırılmasını ve keşfedilmesini teşvik eder. Ders, öğrencileri teori ve pratiği birleştiren bir dizi kısa alıştırma ile belirli bir içeriği çözmeye zorlar. Üretim sürecine yönelik farkındalığı artırmak için deney ve imalat yoluyla farklı alıştırmalar (dijital 3D çizimler, kabartma, dağlama, oyma, kalıplama ve döküm gibi teknikler dahil) yapılır.

COURSE RECORD

Code	ARCG106
Name	Arts & Crafts
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	The course challenges students by bringing up creativity who are discovering themselves and their ability, to ensure that they use these skills in both intellectual, artistic, and cultural contexts in science and technology.
Objectives	Experiencing relief and glass melting from the branches of art to create an in three-dimensional tiles, marbling, and sketch in two dimensions. Increasing awareness on innovation and creativity supporting methods to keep pace with the unlimited and rapid variety of our era.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> L01. Develop creative solutions. L02. Examine personal and social behaviors in the terms of artistic expression. L03. Develop innovative products within the realms of intellect, art, culture, science, and technology. L04. Construct several artistic works in different forms in aesthetic concerns.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	4	4	5	4	3	5	3	2	0	0	5	0
L02	3	2	5	4	5	5	3	5	1	3	5	0
L03	4	4	5	5	4	5	4	2	2	4	5	0
L04	4	4	5	4	4	5	3	5	0	4	3	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
L01	1	5	1	0	2	1	1
L02	2	4	3	2	2	3	2
L03	4	5	3	2	3	2	2
L04	3	4	2	2	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Tile Art	L01, L02, L04
Marbling Art	L01, L03, L04
Glass Melting Art	L02, L03, L04
Model Making of a Brief	L03, L04
Relief Art	L03, L04
Sketch as an Artistic Expression	L03, L04

DERS BİLGİLERİ

Kodu	ARCG106
İsmi	Sanat ve Zanaat
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, kendilerini ve yeteneklerini keşfetmek isteyen öğrencilere, entelektüel, sanatsal ve kültürel içerikle beceri kazandırmak amacıyla, yaratıcılık üzerinden deneysel bir yaklaşımlar sunan bir deneyim alanı olarak kurgulanmıştır.

COURSE RECORD

Code	ARCG108
Name	Architecture as a Social Practice
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	The course focuses on the social role of architecture and its relationship with people, communities, and places. It considers how architecture contributes to everyday life, social identity, well-being, and a stronger sense of community, while also responding to environmental and economic concerns. Throughout the course, students take an active role as place-makers and work on social issues in both urban and rural contexts. They are expected to understand the needs of different communities, identify existing problems, and develop architectural responses that are sensitive to their social and physical context. The course also encourages collaboration and collective production as part of the design problem.
Objectives	Analyze strategies for transformation and intervention in urban and/or rural contexts. Evaluate creative ways of using architectural thinking to raise awareness of social challenges within civil society. Identify problems across different contexts and scales and develop temporary architectural responses to address them. Explain alternative modes of architectural practice and collective making.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Analyze architecture as a social practice and its impact on urban and rural communities. LO2. Apply collaborative approaches to collective design and making processes. LO3. Identify social and spatial problems in different contexts and scales. LO4. Develop temporary and/or permanent architectural responses to social problems at different scales.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	4	4	3	3	3	5	3	5	3	3	2
LO2	3	4	4	4	3	4	5	3	5	4	3	2
LO3	3	5	5	4	3	4	4	2	5	2	3	2
LO4	4	4	5	4	3	5	5	4	5	4	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	4	4	3	3	3	5
LO2	4	4	4	3	5	3	4
LO3	5	5	5	2	3	2	4
LO4	5	5	4	3	4	3	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Social Practices and Alternative Approaches in Architecture	LO1
Urban and Rural Contexts: Communities, Needs and Social Challenges	LO1, LO3
Participatory and Collective Design Practices	LO1, LO2
Project I: Context Research, Community Analysis, and Problem Mapping	LO1, LO2, LO3
Temporary and Permanent Intervention Strategies	LO1, LO4
Project II: Developing an Architectural Response to a Social Problem	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG108
İsmi	Sosyal Pratik Olarak Mimarlık
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders, mimarlığın toplumsal rolüne ve insanlar, topluluklar ve mekânlarla olan ilişkisine odaklanmaktadır. Mimarlığın gündelik yaşama, toplumsal kimliğe, iyi olma hâline ve daha güçlü bir topluluk duygusuna nasıl katkı sağladığını ele alırken, aynı zamanda çevresel ve ekonomik kaygılara nasıl yanıt verebileceğini de değerlendirir. Ders boyunca öğrenciler, mekân oluşturunca olarak aktif bir rol üstlenir ve hem kentsel hem de kırsal bağlamlardaki toplumsal sorunlar üzerinde çalışırlar. Farklı toplulukların ihtiyaçlarını anlamaları, mevcut sorunları belirlemeleri ve toplumsal ve fiziksel bağlama duyarlı mimari yanıtlar geliştirmeleri beklenir. Ders ayrıca, tasarım probleminin bir parçası olarak iş birliğini ve kolektif üretimi teşvik eder.

COURSE RECORD

Code	ARCG109
Name	Bicycle & the City
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course aims to increase awareness that bicycles can be an alternative mode of transport in the daily traffic of sustainable cities. The course will investigate the socio-spatial components of bicycle-friendly cities from bicycle infrastructure and facilities to bicycle culture and social acceptance in urban settings. The lectures and presentations will focus on the experiences of different cities from all over the world and introduce best practices in terms of master plans, physical infrastructure, socio-cultural activities, policies, and programs. The course will also include a couple of study tours within different cities to provide a better understanding of problem areas in cities and develop innovative solutions for increasing bicycle use in the city.
Objectives	Examining the importance of bicycles as transport modes in sustainable cities. Discovering main characteristics and socio-spatial components of bicycle friendly cities. Exercising different experiences from different cultures and urban settings.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Examine characteristics and socio-spatial components of bicycle-friendly cities. LO2. Criticize design solutions for cycling in different cultures and urban settings. LO3. Compose an awareness of the challenges of cyclists for cycling in car-dominated cities. LO4. Create innovative design solutions for cyclists for cycling in the city.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	4	4	4	4	3	3	2	1	2	3	0	0
LO2	3	3	4	4	5	3	4	1	4	3	2	0
LO3	4	4	5	5	4	5	5	1	2	1	3	0
LO4	5	4	3	5	5	5	5	1	4	4	2	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	4	2	2	1	2	1	3
LO2	3	4	2	3	2	1	3
LO3	2	2	3	3	2	1	3
LO4	4	4	3	2	2	1	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Bicycle, Cities and Sustainability	LO1, LO2, LO4
Bicycle Infrastructure, Bicycle Facilities	LO1, LO3, LO4
Bicycle as a Lifestyle	LO2, LO3, LO4
Bicycle Master Plans	LO3, LO4
Bicycle and Safety Issues	LO3, LO4
Bicycle Tour: Recognize the City	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG109
İsmi	Bisiklet ve Kent
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders bisikletlerin sürdürülebilir kentlerin günlük trafiğinde alternatif bir ulaşım modu olabileceği noktasındaki farkındalığı artırmayı amaçlamaktadır. Kurs, bisiklet altyapısı ve tesislerinden bisiklet kültürüne ve sosyal kabullenmeye kadar, bisiklet dostu şehirlerin sosyo-mekânsal bileşenlerini incelemektedir. Dersler ve sunumlar, dünyanın dört bir yanındaki farklı kentlerin deneyimlerine odaklanmakta ve ana planlar, fiziki altyapı, sosyokültürel faaliyetler, politikalar ve programlar açısından en iyi uygulamaları sunmaktadır. Bu ders kapsamında ayrıca şehirlerde yapılacak birkaç bisiklet turu da yer almaktadır.

COURSE RECORD

Code	ARCG110
Name	Organic Design: Back to the Nature
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course explores the relationships between design and nature through different scales and approaches. The study of forms, structures, behaviors, and organizational principles found in nature, and the processes of reflecting on and translating these principles into design problems, constitute the foundation of the course. Within the framework of biomimicry, the transfer of nature's solution strategies into design processes is examined, while organic forms, natural structures, material behaviors, and ecological relationships are evaluated in a design context. Through observation, research, interpretation, and experimental production processes, the course supports students in transforming knowledge derived from nature into original design approaches.
Objectives	Examining the relationships between nature and design through different design scales. Exploring principles of form, structure, function, and organization found in natural systems. Understanding biomimicry as a method for design research and problem-solving. Interpreting principles derived from nature and transform them into original solutions in different design contexts.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret the formal, structural, and functional characteristics of natural systems. LO2. Apply nature-derived knowledge in relation to material, structural, functional, and sustainability criteria. LO3. Analyze the relevance of principles and strategies found in nature to design problems. LO4. Develop alternative and original design solutions through a biomimicry-based approach.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	2	2	1	1	0	0	0	0	2	2
LO2	4	3	3	3	4	3	2	0	2	0	2	2
LO3	3	4	3	3	3	4	2	0	1	0	3	2
LO4	4	5	4	3	3	5	4	3	1	0	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	1	0	2	2	0
LO2	4	4	4	0	3	2	1
LO3	4	4	3	0	3	2	1
LO4	4	5	3	0	4	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Nature and Design Relationships	L01, L02
Natural Form, Structure, and Organization	L01, L02
Materials and Behavior in Nature	L01, L02
Biomimicry and the Design Process	L02, L03, L04
From Nature to Design Criteria	L02, L03
Experimental and Sustainable Design	L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCG110
İsmi	Organik Tasarım: Doğaya Dönüş
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, tasarım ve doğa arasındaki ilişkileri farklı ölçekler ve yaklaşımlar üzerinden ele alır. Doğadaki biçim, yapı, davranış ve organizasyon prensiplerinin incelenmesi; bu prensiplerin tasarım problemlerine nasıl uyarlanabileceği üzerine düşünme ve üretme süreçleri dersin temelini oluşturur. Biyomimikri yaklaşımı çerçevesinde doğadaki çözüm stratejilerinin tasarım süreçlerine aktarılması incelenirken, organik biçim, doğal yapılar, malzeme davranışları ve ekolojik ilişkiler tasarım bağlamında değerlendirilir. Ders, gözlem, araştırma, yorumlama ve deneysel üretim süreçleri aracılığıyla öğrencilerin doğadan elde edilen bilgiyi özgün tasarım yaklaşımlarına dönüştürmelerini destekler

COURSE RECORD

Code	ARCG201
Name	Buildings through Details
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	The “Buildings through Details” course focuses on rediscovering and analyzing architectural details of urban buildings through various scales and techniques. Adopting a deductive and observational approach, the course emphasizes the study of building elements across different historical periods and construction methods through on-site investigation and diverse techniques of representation. Students will engage with the city’s architectural diversity and explore the evolution of building technologies and performance requirements, with particular attention to building element systems via observations. The course introduces the principles of structural and construction systems over time and encourages students to represent architectural details using a range of visual and technical media.
Objectives	Defining architectural details in the city. Comparing principles of structural systems. Developing skills in representing architectural details at various scales using both manual and digital drawing tools. Critiquing building technologies and design solutions for details.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify plan scheme and structural system load-bearing principle of a building. LO2. Describe architectural details of building element systems and integration points through decoding on-site observation. LO3. Represent a building detail in different scale and types by using various tools. LO4. Compare building technologies and performance requirements of buildings from different function.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	3	5	5	0	0	3	0	2	5	4	4
LO2	5	4	5	5	0	0	3	0	2	5	4	4
LO3	5	2	5	5	0	0	3	5	2	5	4	5
LO4	5	3	5	5	0	0	3	0	2	5	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	4	0	0	0	5	2	1
LO2	4	1	0	0	5	3	1
LO3	3	1	0	0	5	3	2
LO4	4	3	0	0	5	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Reading Details with On-site Studies	LO1
Load-bearing Principles of Structural Systems	LO1, LO2
Architectural Detail Drawings	LO3
Exploring Building Element System	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG201
İsmi	Mimari Detaylarla Yapılar
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Ders tümten gelen bir yaklaşımla öğrencilerin çeşitli tekniklerle farklı dönemlerde inşa edilmiş binalardaki yapı detayları üzerine düşünmelerini, yerinde incelemeleri ve çeşitli ifade teknikleriyle aktarmalarını hedefler. Bu sayede öğrenciler kentteki çeşitli yapıların farkına varırken, yıllar içerisinde değişen yapı teknolojisi ve performans gereksinimlerini yapı elemanı sistemleri üzerinden tartışabilecektir. Yapılacak çalışmalarla zaman içerisinde yapı teknolojisinin evrimi ve taşıyıcı sistem prensipleri incelenirken, mimari ifade tekniklerinin gerekliliklerinin yerine getirilmesi ve farklı medya araçlarıyla desteklenmesi beklenmektedir. Bu ders, mimarlık öğrencilerinin inşa edilmiş bir yapının detayları hakkında fikir yürütebilmelerini, bu detayları analiz etmelerini ve mimari ifade teknikleri aracılığıyla etkili bir şekilde sunmalarını teşvik eder.

COURSE RECORD

Code	ARCG202
Name	Extreme Architecture
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	The “Extreme Architecture” course focuses on buildings designed under extreme conditions, addressing climate, natural disasters, functions, and user interactions. The significant contribution of the course is to equip students to conduct research and discuss buildings designed under extreme conditions, both on Earth and in extraterrestrial environments, with a specific focus on building and construction technology aspects. The “Extreme Architecture on Earth” module primarily examines buildings in regions that experience extreme conditions, while “Extreme Architecture in Extraterrestrial Environments” emphasizes existing research related to designing for living in these environments. Discussions highlight building performance, materials, equipment, labor, construction techniques, and process aspects of technology to provide a comprehensive understanding of how extreme conditions shape building design and construction solutions.
Objectives	Examining “extreme architecture” concept. Discussing extreme conditions based on climate, natural disasters, functions, and user requirements that affect building design and construction. Criticizing extreme building examples in relation with the building performance and technology concepts.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Explain “extreme architecture” concept relating with building performance and technology concepts. LO2. Identify extreme conditions affecting building design and construction. LO3. Examine extreme buildings focusing on building and construction technology components. LO4. Select appropriate building and construction technologies when designing under extreme conditions.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	5	4	3	5	0	4	0	0	4	5	3	3
LO2	5	4	3	5	0	4	0	0	4	5	3	3
LO3	5	4	3	5	0	4	0	0	4	5	3	3
LO4	5	4	3	5	0	4	5	0	4	5	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	5	5	2	0	5	3	1
LO2	5	5	5	0	5	3	1
LO3	5	5	3	3	5	3	2
LO4	5	5	5	0	5	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Extreme Architecture	LO1, LO2
Extreme Architecture on Earth	LO3, LO4
Extreme Architecture in Extraterrestrial Environments	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG202
İsmi	Aşırı Koşullarda Mimarlık
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	“Aşırı Koşullarda Mimarlık” dersi, iklim, doğal afetler, işlevler ve kullanıcı etkileşimlerini ele alarak aşırı koşullar altında tasarlanmış binalara odaklanmaktadır. Dersin önemli katkısı, öğrencileri özellikle bina ve yapıım teknolojilerine odaklanarak hem Dünya'da hem de dünya dışı ortamlarda aşırı koşullar altında tasarlanmış binalar hakkında araştırma yapma ve tartışma konusunda donatmaktır. “Dünya Üzerinde Aşırı Mimarlık” modülü, öncelikle aşırı koşullar yaşayan bölgelerdeki binaları incelerken, “Dünya Dışı Ortamlarda Aşırı Mimarlık” bu ortamlarda yaşamak için tasarımla ilgili mevcut araştırmaları vurgulamaktadır. Tartışmalar, aşırı koşulların bina tasarımını ve yapıım çözümlerini nasıl şekillendirdiğine dair kapsamlı bir anlayış sağlamak için teknolojinin malzemeler, ekipman, işgücü, yapıım teknikleri ve yapıım süreci yönlerini vurgulamaktadır.

COURSE RECORD

Code	ARCG303
Name	Anatolian Cities in History
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	The course focuses on the evolution of Neolithic settlements in historical context. It critically analyses and discusses the theory of the evolution of settlements among human beings in history. It debates different and significant cases of conserved archeological sites, in terms of economic, political, social-cultural, and environmental aspects.
Objectives	Interpreting on the first urbanization process which begins date from the Neolithic period in Anatolia relationship between other civilizations. Identifying the effects of socio-cultural, political, environmental, and spatial reasons for first urbanization. Examining settlement typology in Anatolia and other geographical contexts.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Create a critical perspective on the conservation culture related with the history of the architectural world. LO2. Evaluate culture and social interaction in Anatolia during the Neolithic period. LO3. Analyze first settlements in historical evolution. LO4. Determine historical continuity and architectural development.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	4	5	0	5	5	0	0	0	4	5	4	5
LO2	5	5	0	4	4	4	4	4	4	4	4	5
LO3	5	5	0	4	4	4	4	4	4	4	4	4
LO4	3	5	3	3	5	3	3	3	3	3	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	2	1	1	3	2	1
LO2	4	3	2	2	3	2	0
LO3	4	2	1	0	3	1	0
LO4	4	2	1	0	3	1	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Human and Environment System	LO1, LO2, LO3
Characteristics of Anthropological Periods of Time and Examples	LO1, LO2, LO3
First Settlements and Typology: City Concept, Urbanization Neolithic Period	LO1, LO2, LO3
Anatolian Civilizations	LO1, LO2, LO3
Archeological Site Visits	LO2, LO3, LO4
Research and Discussions on Neolithic Settlements	LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG303
İsmi	Neolitik Yerleşimler Tarihi
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders Neolitik yerleşimlerin tarihsel bağlamda evrimine odaklanmaktadır. Yerleşimlerin insanlığının tarih boyunca evrimi teorisini eleştirel bir bakış açısıyla analiz eder ve tartışır. Ekonomik, politik, sosyal-kültürel ve çevresel açılardan korunan arkeolojik alanların farklı ve önemli durumlarını tartışır.

COURSE RECORD

Code	ARCG304
Name	Civilizations & Cities
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course will trace the development and socio-spatial order of cities from the civilization perspective. Within this scope, firstly we will mention the main characteristics of civilizations from the Ancient Period through the present era. Secondly, we will discuss how political, economic, and social institutions of civilizations influenced the structure of urban centers and shaped the built environment in cities across the world. In turn, we will analyze how the structure and design of cities influenced the development of civilizations. In addition, we will follow the footsteps and interactions of civilizations over the cities across the world. During this process, many cities all around the world will be discussed interactively.
Objectives	Investigating the relationship between socio-spatial order of cities and the main principles of civilizations Thinking critically about the development of cities and urban centers together with the development of civilizations Understanding the history and cultural function of the city as a form of social organization Discussing the interrelations of civilizations and their effects on cities.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Interpret the relationship between the social order that the civilizations offer and the spatial organization of the city. LO2. Identify the traces of civilizations on cities in terms of space, culture, and society. LO3. Label the main characteristics of each civilization and their appearances in the cities. LO4. Explain the interaction and transfusion processes of civilizations over major cities.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
L01	3	4	0	3	0	3	3	3	0	3	3	3
L02	5	3	0	0	0	3	3	3	0	3	4	3
L03	4	3	3	0	3	4	3	0	0	3	3	4
L04	3	0	0	0	0	4	3	3	3	3	3	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
L01	4	3	1	1	0	1	1
L02	3	1	0	3	0	1	1
L03	2	1	0	3	0	1	0
L04	4	2	1	3	5	1	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
History of Civilizations and Cities	L01, L02, L03
Comparison of Civilizations	L01, L03, L04
Relationship Between Civilizations and Cities	L01, L02, L03
Types of Civilizations and Cities	L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCG304
İsmi	Medeniyetler & Kentler
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, uygarlık perspektifinden kentlerin gelişiminin ve sosyo-mekânsal düzeninin izini sürecektir. Bu kapsamda, ilk olarak antik dönemden günümüze uygarlıkların temel özelliklerine değineceğiz. İkinci olarak, uygarlıkların siyasi, ekonomik ve sosyal kurumlarının kent merkezlerinin yapısını nasıl etkilediğini ve dünyanın dört bir yanındaki kentlerde yapıyı çevreyi nasıl şekillendirdiğini tartışacağız. Buna karşılık, kentlerin yapısı ve tasarımının uygarlıkların gelişimini nasıl etkilediğini analiz edeceğiz. Buna ek olarak, uygarlıkların dünya kentleri üzerindeki izlerini ve etkileşimlerini takip edeceğiz. Bu süreçte, dünyanın dört bir yanındaki birçok şehir interaktif olarak tartışılacaktır.

COURSE RECORD

Code	ARCG305
Name	Accessibility in Cities
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course focuses on accessibility and mobility concepts, use within the different urban functions (residential areas, public spaces, recreation spaces etc.). It aims to encourage students to think, learn and develop actions for accessible urban spaces. It develops different solutions/alternatives for existing transportation problems, in particular. It also aims to think producing alternatives for accessibility by using maps and mobility plans to not only unable people but also all citizens, in terms of universal principles.
Objectives	Identifying and analyzing urban mobility and accessibility. Conceptualizing main issues, approaches on accessibility and mobility. Examining accessibility issues on urban planning and design process. Evaluating "Design for All" principles aimed for social inclusion.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Determine the main concepts related to accessibility and mobility. LO2. Create ideas on the urban transportation system by using observations and interviews. LO3. Criticize good-cases and examples of urban accessibility and mobility. LO4. Propose alternatives for urban accessibility.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	4	2	2	3	5	4	5	5	3	2
LO2	5	5	4	4	4	4	5	5	5	5	3	2
LO3	5	4	4	4	4	4	4	4	4	4	3	2
LO4	3	5	4	4	4	4	4	4	4	4	3	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	3	1	1	0	1	1	0
LO2	2	2	2	0	2	2	1
LO3	3	4	3	1	1	2	2
LO4	3	3	4	1	1	2	2

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Introduction to Urban Transportation and Accessibility and Mobility	LO1, LO2
Accessibility in Urban Spaces	LO1, LO2, LO3
Sustainable Urban Planning and Mobility	LO3, LO4
Walkable Cities program all over the World	LO2, LO3, LO4
"Design for All" in Urban Scale	LO2, LO3, LO4
"Design for All" University Campus	LO3, LO4

DERS BİLGİLERİ

Kodu	ARCG305
İsmi	Kentlerde Erişilebilirlik
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, erişilebilirlik ve hareketlilik kavramlarına, farklı kentsel işlevler (konut alanları, kamusal alanlar, rekreasyon alanları vb.) içinde kullanım üzerine odaklanmaktadır. Öğrencileri erişilebilir kentsel alanlar için düşünmeye, öğrenmeye ve eylemler geliştirmeye teşvik etmeyi amaçlar. Özellikle mevcut ulaşım sorunlarına farklı çözümler/alternatifler geliştirir. Ayrıca, haritalar ve hareketlilik planlarını kullanarak; erişilebilirlik üzerine alternatifler üretmeyi sadece engelliler için değil tüm vatandaşlara dönük olmak üzere evrensel ilkeler çerçevesinde düşünmeyi amaçlar.

COURSE RECORD

Code	ARCG307
Name	Introduction to Islamic Art & Architecture
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is open for all students interested in Islamic art and architecture, by understanding them in relationship with faith, power and daily life practices across different geographies. Muslim societies produced different forms of art for centuries in different parts of the Afro-Eurasian world from Spain to south-east Asia. The variety of production include architecture at different scales to textiles, manuscript ornaments to ceramics and metalworks. This course explores Islamic art and architecture by referring to their meanings, symbolism and iconography in relation to their contextual background each week.
Objectives	Introducing the main characteristics of Islamic art and architecture and its regional and dynastic diversity. Investigating the different interpretations of works of art. Identifying the significance of context and patronage in the development of Islamic art and architecture. Examining variety of artwork in different geographies.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Identify a range of images and source materials about Islamic art and architecture. LO2. Examine social, economic and political context of an artwork. LO3. Discuss the symbolism and iconography of an artwork. LO4. Create critical texts on architecture and artworks by using relevant technical vocabulary in discussing the subject.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	1	3	2	3	4	4	2	0	2	4	2	4
LO2	2	4	2	4	3	4	2	0	4	4	2	4
LO3	2	4	2	3	3	4	2	0	3	4	2	4
LO4	2	4	2	3	2	4	2	2	2	4	2	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	IL01	IL02	IL03	IL04	IL05	IL06	IL07
LO1	3	0	0	5	3	2	3
LO2	4	2	1	5	3	2	3
LO3	3	2	1	5	3	2	3
LO4	3	3	0	2	3	4	3

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Beginnings, Founding Principles	LO2, LO4
Mosques, Calligraphy, Painting and Figural Representation	LO1, LO2, LO3
Ceramics, Metalworks, Ornaments, Art of the Book	LO1, LO2, LO3
Gardens and Palaces, Funerary Landscape, Cities and Urbanism	LO1, LO2, LO3
The Muslim Civilizations Flourish	LO1, LO2, LO3
The Medieval Europe	LO1, LO2, LO3

DERS BİLGİLERİ

Kodu	ARCG307
İsmi	İslam Sanat ve Mimarlığına Giriş
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders İslam sanatı ve mimarlığına ilgi duyan ve bunları inanç, güç ve gündelik yaşam ile ilişkili olarak anlamak isteyen her düzeyden öğrenciye açıktır. Müslüman toplumlar İspanya'dan güneydoğu Asya'ya Afro-Avrasya'nın farklı bölgelerinde yüzyıllar içinde farklı sanat türleri ürettir. Bu sanatsal üretim farklı ölçeklerdeki mimarlıklardan tekstil ürünlerine, tezhipten seramiğe ve metal işlemeciliğine kadar geniş bir alanı kapsar. Bu ders İslam sanat ve mimarlığını, sanat eserinin üretildiği bağlamsal ilişkiler içinde anlam, sembolizm, ikonografik öğelerine dayalı olarak yapmayı amaçlar.

COURSE RECORD

Code	ARCG401, ARCG402, ARCG403
Name	General Transfer Elective 1, 2, 3
Hour per week	2 (2 Theory + 0 Practice)
Credit	2
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring non-technical or elementary level courses taken at national or international exchange to the program and information system.
Objectives	Enriching cultural perspectives, and architectural background. Improving professional mindset.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Create an understanding of cultures, societies, or technologies. LO2. Determine the idea of alternative thinking. LO3. Determine a review or new perspective to enrich personal or professional development. LO4. Create an academic output in a disciplinary or interdisciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	4	3	3	3	4	3	3	3	4	3	5	5
L02	4	4	3	3	4	3	3	3	3	3	4	4
L03	4	5	4	4	3	4	4	3	4	4	5	5
L04	4	5	5	4	4	4	5	4	4	4	5	5

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	4	2	3	4	2	1	1
L02	3	5	1	1	2	1	0
L03	2	4	2	1	4	1	2
L04	5	4	1	1	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	L01, L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCG401, ARCG402, ARCG403
İsmi	Genel Seçmeli Transfer Dersi 1, 2, 3
Haftalık Saati	2 (2 Teori + 0 Pratik)
Kredi	2
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, ulusal ve uluslararası değişim programlarında alınan başlangıç seviyesindeki ya da teknik olmayan derslerin, program dışı öğrenme hareketliliğin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX131
Name	Digital Learning Platform Transfer Elective 1
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring non-technical or elementary level technical courses taken from digital learning platforms.
Objectives	Enriching students' perspective and background knowledge on different topics and fields that are not only limited to the resources of the university. Improving personal or professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Construct self-learning skills. LO2. Criticize the course outputs (or course content) that they have registered. LO3. Relate the course content with individual fields. LO4. Create an academic output from a disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	0	0	0	2	1	0	0	2	3	2
LO2	2	1	0	2	0	2	0	0	0	2	3	0
LO3	0	0	3	3	0	2	1	0	1	2	4	0
LO4	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	1	1	1	0	5	1	0
LO2	2	4	1	0	2	1	1
LO3	4	3	1	1	3	0	1
LO4	3	3	0	0	2	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCX131
İsmi	Dijital Öğrenme Platformu Transfer Seçmelisi 1
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan başlangıç seviyesindeki teknik ya da teknik olmayan derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX132
Name	Digital Learning Platform Transfer Elective 2
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	3
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring non-technical or elementary level technical courses taken from digital learning platforms.
Objectives	Enriching students' perspective and background knowledge on different topics and fields that are not only limited to the resources of the university. Improving personal or professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Construct self-learning skills. LO2. Criticize the course outputs (or course content) that they have registered. LO3. Relate the course content with individual fields. LO4. Create an academic output in a disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	2	2	0	0	0	2	1	0	0	2	3	2
LO2	2	1	0	0	0	2	0	0	0	2	3	0
LO3	0	0	3	3	0	2	1	0	1	2	4	0
LO4	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	1	2	1	0	5	1	0
LO2	2	4	1	0	2	1	1
LO3	4	2	1	0	3	0	1
LO4	4	2	0	0	2	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCX132
İsmi	Dijital Öğrenme Platformu Transfer Seçmelisi 2
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	3
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan başlangıç seviyesindeki teknik ya da teknik olmayan derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX141
Name	Digital Learning Platform Basic Level Transfer Elective 1
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	4
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring elementary level disciplinary or interdisciplinary courses taken from digital learning platforms.
Objectives	Enriching students' perspective and background knowledge on different topics and fields that are not only limited to the resources of the university. Improving personal or professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Construct self-learning skills. LO2. Criticize the course outputs (or course content) that they have registered. LO3. Relate the course content with individual fields. LO4. Create an academic output in an inter-disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	0	0	0	2	1	0	0	2	3	2
LO2	2	1	0	2	0	2	0	0	0	2	3	0
LO3	0	0	3	3	0	2	1	0	1	2	4	0
LO4	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	1	2	1	0	5	1	0
LO2	2	4	1	0	2	1	1
LO3	4	2	1	0	3	0	1
LO4	5	2	1	2	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCX141
İsmi	Dijital Öğrenme Platformu Başlangıç Seviyesi Transfer Seçmelisi 1
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	4
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan başlangıç seviyesindeki disipline özgü ya da disiplinlerarası derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX142
Name	Digital Learning Platform Basic Level Transfer Elective 2
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	4
Level/Year	Undergraduate/3
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring elementary level disciplinary or interdisciplinary courses taken from digital learning platforms.
Objectives	Enriching students' perspective and background knowledge on different topics and fields that are not only limited to the resources of the university. Improving personal or professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> LO1. Construct their self-learning skills. LO2. Criticize the course outputs (or course content) that they have registered. LO3. Relate the course content with individual fields. LO4. Create an academic output in an inter-disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	2	2	0	0	0	2	1	0	0	2	3	2
LO2	2	1	0	2	0	2	0	0	0	2	3	0
LO3	0	0	3	3	0	2	1	0	1	2	4	0
LO4	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	1	2	1	0	5	1	0
LO2	2	4	1	0	2	1	1
LO3	4	2	1	0	3	0	1
LO4	5	2	1	2	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	LO1, LO2, LO3, LO4

DERS BİLGİLERİ

Kodu	ARCX142
İsmi	Dijital Öğrenme Platformu Başlangıç Seviyesi Transfer Seçmelisi 2
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	4
Seviye/Yıl	Lisans/3
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan başlangıç seviyesindeki disipline özgü ya da disiplinlerarası derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX151
Name	Digital Learning Platform Advanced Transfer Elective 1
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring the disciplinary and interdisciplinary based courses taken from digital learning platforms.
Objectives	Enriching cultural perspectives, and architectural background. Improving professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> L01. Construct self-learning skills. L02. Criticize the course outputs (or course content) that they have registered. L03. Relate the course content with individual fields. L04. Create an academic output in an inter- and trans-disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	3	3	3	0	0	3	2	3	0	2	4	4
L02	2	3	0	3	0	3	2	0	0	2	3	3
L03	2	0	3	3	2	4	3	3	2	3	4	4
L04	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	1	2	1	0	5	1	0
L02	2	4	1	0	2	1	1
L03	4	2	1	0	3	0	1
L04	5	3	1	2	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	L01, L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCX151
İsmi	Dijital Öğrenme Platformu İleri Seviye Transfer Seçmelisi 1
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan disiplin içi ve disiplinler arası derslerin, program dışı öğrenme hareketliliğin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.

COURSE RECORD

Code	ARCX152
Name	Digital Learning Platform Advanced Transfer Elective 2
Hour per week	1 (1 Theory + 0 Practice)
Credit	1
ECTS	5
Level/Year	Undergraduate/3-4
Type	Elective
Prerequisites	-
Description	This course is constituted for the recognition of credit mobility and transferring the disciplinary and interdisciplinary based courses taken from digital learning platforms.
Objectives	Enriching cultural perspectives, and architectural background. Improving professional skills.
Learning Outcomes	<i>By the end of the course, the student will be able to</i> L01. Improve their self-learning skills. L02. Criticize the course outputs (or course content) that they have registered. L03. Relate the course content with individual fields. L04. Create an academic output in an inter- and trans-disciplinary perspective.

CONTRIBUTION TO PROGRAMME OUTCOMES*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
L01	3	3	3	0	0	3	2	3	0	2	4	4
L02	2	3	0	3	0	3	2	0	0	2	3	3
L03	2	0	3	3	2	4	3	3	2	3	4	4
L04	3	2	3	4	2	4	4	3	2	3	4	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
L01	1	2	1	0	5	1	0
L02	2	4	1	0	2	1	1
L03	4	2	1	0	3	0	1
L04	5	2	1	2	3	3	1

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topic	Outcomes
Differs to the Details of Transferred Course	L01, L02, L03, L04

DERS BİLGİLERİ

Kodu	ARCX152
İsmi	Dijital Öğrenme Platformu İleri Seviye Transfer Seçmeli 2
Haftalık Saati	1 (1 Teori + 0 Pratik)
Kredi	1
AKTS	5
Seviye/Yıl	Lisans/3-4
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders, dijital eğitim ortamlarından alınan disiplin içi ve disiplinler arası derslerin, program dışı öğrenme hareketliliğinin tanınması, program ve bilgi sistemine transfer edilmesi için oluşturulmuştur.