		PO1 The ability to interpret, question, and develop critical thinking regarding architectural knowledge in architectural history, theory, paradigms, and conceptual frameworks within an interdisciplinary approach.	PO2 The ability to express thoughts/design ideas, production, and presentation processes in both Turkish and English, in written, verbal, and visual forms, by using current information and communication technologies.	PO3 Acknowledge the importance of research in the design process, interpret findings, perform comparative evaluations, and develop self-discipline for methodological work and research habits.	PO4 Develop abstract, analytical, and relational thinking skills in adopting design concepts, processes and production at different scales.	PO5 The ability to integrate the relationship between architecture and the city into the cultural context, architectural history, and theory, and analyze the relationship between architecture and society regarding local and global values.	PO6 Defining the relationship between humans and the built environment within the framework of ethical issues, social differences, human behaviors, and cultural diversity, and relating this to architecture.	PO7 The ability to evaluate building materials and construction technologies in the context of cultural, economic, and ecological sustainability forms, by relation to the physical and historical environment and incorporate them into design processes.	PO8 Understanding the fundamental principles of structural systems, analyzing structural solutions, and integrating them into architectural design.	PO9 Understanding the basic principles of environmental systems such as energy efficiency, thermal comfort, acoustics, and lighting in building science.	PO10 Developing holistic building proposals by considering technical and structural requirements, life safety, sustainability, and accessibility together.	PO11 Understanding the legal framework for the architect's professional rights and responsibilities, rules, regulations, and codes governing architectural practice.	PO12 Understanding the processes of defining and applying professional ethics by considering the principles of honesty, social responsibility, and inclusivity in architectural design, research, and application processes.	PO13 Determining the roles and responsibilities of actors involved in different stages of the project, defining the phases of administrative and financial issues affecting project development and construction processes, and understanding the stages of the project life cycle and contemporary context.	PO14 The ability to develop an architectural project, either as an individual or as part of a team, with a professional, integrated, and participatory awareness in all stages.
ARCH 101	1. Discover basic form properties such as geometry, size, color, proportion, and scale				●										
	2. Relate principles of abstraction to design				●										
	3. Identify principles of thematic composition and types of formal relations to achieve order and unity in design				●										
	4. Use design concepts and notions to articulate design processes			●	●										
	5. Communicate design ideas and solutions		●		●										
ARCH 111	1. Use principles of abstraction in design and communication		●		●										
	2. Apply the basic principles of graphic communication in conceptualizing visual and graphic expression		●												
	3. Produce two and three-dimensional architectural drawings and models		●												
	4. Practice various tools and media to produce quality work; accurate and neat drawings and models		●												
	5. Integrate the use of different techniques and media as a significant part of the design process.				●										
ARCH 121	1. Identify basic recurrent themes, concepts and ideas in the history of art, architecture and urbanism	●													
	2. Relate the development of architectural ideas to the history of arts and sciences					●									
	3. Associate the relation of their own design education with the context of architectural practice and design ethics			●									●		
	4. Explore the vocabulary of the architectural discipline		●	●											
	environment	●					●								
ARCH 102	1. Discover basic spatial concepts and their associated relations	●													
	2. Formulate diverse spatial conditions and experiences in various settings			●	●		●								
	3. Design with different scales to experiment the effects on space				●										
	4. Recognize basic structural principles			●					●						
	5. Use various communication techniques in thinking, producing and presentation of design ideas		●												
ARCH 112	1. Apply diverse visualization and representation techniques in architecture		●												
	2. Integrate visual thinking and abstraction as part of design process				●										
	3. Produce two/three-dimensional architectural drawings and models with experimental techniques and materials		●	●											
	4. Use up-to-date communication technologies and media for the expression of design ideas and their interpretation		●												
ARCH 201	1. Appraise the physical properties of a specific context including the topographic and climatic aspects						●								
	2. Discuss the relevance of past and current architectural practice to a given design problem	●		●											
	3. Formulate past and contemporary architectural examples as applicable design references			●	●										●
	4. Illustrate a coherent interpretation of essential architectural elements in individual design approaches and strategies		●		●										
	5. Apply tectonic design strategies to a small-scale architectural design problem				●				●						●
	6. Express their design ideas and solutions using diagrams, architectural drawings, and models		●												
ARCH 221	1. Recognize prominent architectural ideas and elements from prehistory up to the modern age					●									
	2. Indicate the milestones in architectural history						●								
	3. Identify universal and local qualities in the development of architectural thought			●		●									
	4. Criticize the connection of abstract architectural thoughts to the material aspects of historical/local context	●				●									
	5. Interpret the relation of architectural history to the general history in a basic level	●		●			●								
	6. Develop an intellectual opinion on the history and culture of the architectural discourse	●	●												
ARCH 241	1. Identify the relationship between structure and architectural space								●						
	2. Distinguish different types of forces acting on the structural elements								●						
	structures etc.			●					●						
	4. Recognize material properties of fundamental structural systems							●	●						
	5. Implement basic structural principles on simple architectural configurations				●						●				
ARCH 202	scalar properties		●	●				●							
	space-human interrelations to organize them in competent design solutions	●			●		●								
	3. Define the relationship of design solutions with structural systems and building materials				●			●	●						
	specifications				●					●					●
	use	●	●												
ARCH 222	century						●								
	2. Identify universal and local qualities of architecture in the modern age					●									
	3. Explain the main issues of cultural heritage conservation within the scope of architectural history in the modern era					●	●								
	4. Outline the developments of architecture in Turkey during the late Ottoman and Republican period until 1970s			●		●									
	5. Interpret the developments in architecture of the modern period considering the general history	●				●	●								
ARCH 301	and buildings	●	●	●			●								
	values		●	●		●									
	3. Interpret an architectural program as the formulation of relationships between activities and patterns of use	●			●		●								
	4. Develop design strategies considering the requirements of the program, structural organization and material qualities				●				●	●					
	5. Apply universal design principles for producing accessible, safe, and inclusive environments with integrated solutions				●						●				
	historical conditions				●			●		●					●
ARCH 381	1. Explain the disciplinary complexity and in-betweenness of urban design	●													
	2. Discuss theories, movements, and approaches in the history of planning and urban design	●	●												
	correspondent physical forms		●	●			●								
	4. Integrate fundamental concepts, elements, and principles of urban design			●	●	●		●							
	5. Develop urban design proposals with a multi-scalar approach				●	●		●							
ARCH 399	1. Describe the duties, tasks, and responsibilities of the actors in the management of complex construction processes		●											●	
	construction/restoration/archaeological excavation sites		●											●	
	3. Relate technical drawings and construction documents with actual building processes		●												
	4. Appraise the building as a system composed of integrated components and subsystems									●					
	5. Engage in a multi-professional team within a collaborative context												●		●
	6. Describe the rights and responsibilities of parties within internship and employment processes at construction sites											●	●	●	
ARCH 302	1. Develop methodological and strategic tools for economy of space, such as modulation, repetition and multiplication		●		●				●						
	2. Explore social and environmental inputs for producing sustainable and healthy living quarters			●		●		●		●					
	3. Identify the technical requirements for spatial diversity, structural stability, mechanical services, and fire-and-life-safety								●		●	●			
	4. Integrate building systems in line with the spatial and physical requirements of different program elements				●				●	●	●				
	5. Design by navigating between various scales of urban design and architecture			●	●	●									
	environment and the users	●			●						●				●
ARCH 372	1. Use appropriate terminology to describe building technologies, performance objectives, and construction processes		●												
	2. Categorize the components, assemblies, and subsystems of buildings within an integrative framework			●					●	●					
	3. Identify thermal, lighting, acoustic aspects, and health-and-safety requirements for different types of spaces and inputs			●						●		●			
	4. Evaluate building practices from a holistic perspective considering construction, operation, and demolition phases							●			●			●	
	5. Apply sustainable design strategies in site-planning and building design				●			●			●				
ARCH 401	1. Perform analysis of the large scale buildings and complex urban settings through research and representation		●	●		●	●								
	2. Formulate architectural programs and design solutions within a complex urban site	●			●	●	●								●
	3. Integrate various tools and methods of architectural representation/communication with the design process		●												
	4. Practice a group work to simulate different stages of a professional activity														●
	architectural design project	●	●	●	●		●								●
	6. Describe ethical concerns and responsibilities of an architect											●	●		
ARCH 475	2. Compare the properties and environmental impact of most common building materials and construction technologies			●					●	●					
	detailing	●						●				●			
	layering of materials				●			●			●				
ARCH 499	1. Interpret the requirements of project management	●												●	
	2. Practice project medication and presentation in a professional setting		●								●	●	●		●
	3. Assume responsibility for various task while working collectively within a team													●	●
	4. Report architectural office practices and dynamics, distribution of tasks and project development processes		●										●	●	
	5.Describe the rights and responsibilities of parties within internship and employment processes in professional practice											●			
ARCH 402	1. Define critical design thinking process	●													
	data			●		●	●								
	3. Integrate knowledge on building technologies and structural concerns with design process							●			●				●
	4. Use various tools of architectural communication at all stages of design process		●												
	ecological complexities of the design project	●			●	●		●			●				
	6. Design an architectural project that incorporates contextual, programmatic, architectural and theoretical complexities				●			●	●	●	●				●
ARCH 462	construction processes											●	●	●	
	2. Describe main project life cycle stages and contemporary project management strategies			●										●	
	3. Define the phases of administrative and financial issues affecting the processes of project development and construction													●	
	consultants												●	●	
	5. Estimate the cost of simple buildings			●								●			
ARCH 312	production of photography	●													
	2. Use photographic work to develop critical ways of seeing, understanding, and representing architectural space		●												
	3. Illustrate the behavior and spatial principles of light and time through photographs			●											
	4. Propose an intellectual opinion and a personal reflection on the photographic work of self and others	●	●												
	5. Prepare a photography project concerning the architectural environment		●	●											
ARCH 322	1. Recognize the significant examples of architectural practices and ideas since the late 20th century			●		●									
	2. Discuss several key issues in contemporary architectural thought and practice	●													
	3. Practice architectural research and writing		●	●											
	4. Analyze universal and local qualities in the development of architectural thought and practice	●				●									
	5. Interpret contemporary issues and architectural works	●				●									
	6. Produce a report on the contemporary architectural discourses		●												
ARCH 326	1. Recognize the most important examples of architectural products and ideas of the modern period in Turkey			●		●									
	2. Contextualize architectural history in the cultural and political history of modern Turkey at a basic level	●				●									
	3. Develop a sense of the continuity and change of the historical process on the issues and problems of architecture	●					●								
	4. Identify and interpret universal and local qualities in the development of architectural thought in modern Turkey			●		●									
	5. Interpret the issues of methodology and theory in relation to the historiography on modern architecture of Turkey	●													
ARCH 423	1. Discuss global environmental issues and sustainable development goals in relation to the built environment and	●						●							
	2. Define the role and responsibility of the architect in producing sustainable environments											●			
	3. Identify sustainable design strategies for different architectural and urban scales			●				●							
	4. Apply sustainable design principles to site planning, conceptual mass development, building envelope design, and				●			●		●	●				
	5. Assess the criteria for green building			●						●					
ARCH 431	century			●											
	2. Develop an awareness about the key concepts in digital culture	●													
	3. Map the historical and critical discussions on technology and architecture with a specific focus on the digital paradigm			●											
	architecture	●													
	5. apply learned theoretical frameworks in reading and interpreting the current architectural theories, paradigms, and themes		●	●											
ARCH 432	1. Explain the theoretical and historical aspects of digital design,	●		●											
	2. Describe the prominent concepts, approaches, and practices of communication and representation,			●											
	3. Recognize different techniques and media of architectural representation,	●													
	4. Analyze different communication models to comment on their transformation,	●													
	design.		●												
ARCH 434	1. Systematize computational design processes regardless of formal qualities and scalar measures	●													
	2. Familiarize with the concepts related to parametric design			●											
	3. Constitute appropriate thinking methods for parametric design processes	●		●	●										
	4. Envisage means of form making and method				●										
	5. Identify computer-aided design and manufacturing machinery		●												
ARCH 443	1. Analyze case studies on acoustics and lighting in different scales and contexts			●						●					
	2. Identify basic principles of acoustics and lighting to develop solutions for various types of architectural spaces			●						●					
	3. Implement material science and architecture detailing knowledge in design problems				●						●				
	acoustics, and lighting design problems							●		●	●				
	5. Develop innovative solutions for sustainable building performance using passive systems				●			●			●				
ARCH 444	1. Evaluate properties and potentials of different materials	●		●											
	2. Develop architectural designs with experimental construction methods				●			●							
	3. Practice collaborative and hands-on work in architectural research, design, and construction processes				●										●
	4. Integrate construction details in architectural design process	●		●				●							
	5. Construct a 1:1 full-scale design project on-site				●										●
ARCH 445	1. Make use of practical modes of research	●		●											
	2. Analyze case studies on material usage and technical detailing							●							
	3. Identify constructional problems of their own design proposals				●			●	●						
	4. Propose articulate and integrated solutions for constructional problems				●			●	●						
	approach		●												
ARCH 451	1. Use the basic terminology of conservation of cultural heritage,			●											
	2. Understand the basic principles of sustainability in built environment within the scope of cultural heritage conservation					●									
	their diverse character	●				●									
	4. Identify the concepts, norms, and issues related to cultural heritage conservation in local and global contexts			●											
	5. Evaluate practices of conservation and restoration by referring to the contemporary discussions in the field	●													
	6. Criticize major and recent texts on cultural heritage conservation, drawing appropriate conclusions	●													
ARCH 453	1. Define different meanings and dimensions of cultural heritage			●											
	2. Describe the challenges that cultural heritage face globally					●									
	3. Discuss the current issues in cultural heritage	●				●									
	4. Propose possible solutions for the global challenges that cultural heritage faces				●										
	different contexts	●				●									
ARCH 471	discourse			●											
	architectural ideas concurrently	●				●									
	architectural discussions	●	●												
	4. Develop an intellectual response in relation to specific discussions and their architectural influences	●		●											
	5. Present research findings and personal approaches		●												
ARCH 472	1. Define key concepts of museology			●											
	2. Classify different modes and techniques of display in exhibition design		●	●											
	3. Associate thematic and technical dimensions of display	●													
	4. Identify the role of the architect as a mediator and designer within the interdisciplinary practices of display design													●	
	spaces to display design in historic buildings		●	●		●	●								
	formats	●													
ARCH 481	1. Recognize the important role of case studies in design research as both a theoretical and practical means of reasoning			●											
	2. Acquire the essential skills for critical reading, interpreting and understanding architectural form	●													
	3. Explore the formal and spatial principles of architecture	●													
	the form	●		●											
	5. Produce a critical reading of the architectural form		●												
ARCH 482	1. Identify different ideological positions	●		●											
	2. Discuss political motivations behind of an architectural or urban design		●	●											
	3. Discover the role of architecture in the society and the environment	●				●									
	4. Explore their own position as an architect	●													
	5. Correspond to social and environmental issues			●		●									
ARCH 484	differentiations and variations			●		●	●								
	2. Acquire the essential skills for critical reading, interpreting and understanding history of architecture	●	●												
	3. Develop an awareness of the formal and spatial characteristics of urban context as constituting the basis for buildings	●				●									
	4. Reveal formal structure of a selected urban setting and related buildings	●		●		●	●								
	5. Develop an intellectual opinion and personal reflection on architecture/s of the cities	●													
ARCH 511	1. Recognize how arguments are developed,	●	●												
	2. Identify how arguments are supported and challenged.	●		●											
	3. Discuss authorial positioning within scholarly debates,	●		●											
	4. Examine methodologies used in architectural research,	●		●											
	5. Analyze the structure of scholarly texts.	●	●	●											
ARCH 522	1. Review the methodological debate on architectural history and cultural studies,	●													
	2. Interpret the development of architectural ideas in the context of the cultural history of the 20th century.			●											
	3. Relate social and cultural research to processes of architectural design.	●				●									
	4. Evaluate universal and local qualities in the cultural reception of architectural ideas in the modern age,	●				●	●								
	5. Design a research task with comparative methods on a specific case.	●													
ARCH 531	1. Identify the theoretical and historical aspects of digital technologies in the 20th and 21st century,		●	●											
	2. Appraise key concepts in digital culture,	●													
	3. Outline the historical and critical discussions on technology and architecture with a specific focus on the digital paradigm,			●											
	4. Apply learned theoretical frameworks in reading and interpreting the current architectural theories, paradigms, and themes,	●													
	5. Criticize the impact of digital culture on the theoretical discourse and design practice in architecture.	●													
ARCH 536	1. Identify the main concepts and parameters of cultural heritage,			●		●	●								
	2. Assess the conceptual, contextual and technological developments in the history and conservation of 20th century heritage,	●													
	3. Interpret the diverse character of 20th century heritage to assess different values belonging to it in various cases with varying scales,	●		●		●									
	4. Evaluate practices of conservation applied on 20th century heritage,	●					●								
	5. Discuss critically major and recent texts on 20th century heritage history and conservation.	●													
ARCH 540	1. Identify democratic approaches through spatial settings,			●											
	2. Discuss different modes of public spaces,	●													
	3. Discover the role of architecture in promoting democracy,			●									●		
	4. Explore the impact of architectural practice on democracy,			●									●		
	5. Relate architecture to an egalitarian society.	●													
ARCH 554	1. Define the role of photography in the development of architecture's visual culture,		●	●											
	2. Demonstrate the essential skills for critical ways of seeing, understanding, and representing architectural space and form through photographic work,	●													
	3. Develop an awareness of light and time's formal and spatial principles,		●												
	4. Record the architectural-cultural and material life cycle of buildings,		●			●									
	5. Propose an intellectual opinion and a personal reflection on the photographic work of others,	●	●												
	6. Produce a photography project concerning the built environment and architecture's impact on daily life.		●												
ARCH 555	1. Distinguish methodological possibilities as well as theoretical and empirical implications of researching architecture,	●													
	2. Identify 'doing' research as a productive act beyond data compilation,			●											
	3. Combine established and provocative research methods to track the transformations or disappearances in the built environment,					●	●								
	4. Formulate a multi-dimensional research practice to interpret architectural traces in different scales and contexts.		●	●		●	●								
ARCH 566	1. Identify key topics and recent trends in environmental technology,			●				●		●					
	2. Discuss methods in building science research,									●					
	3. Analyze the environmental factors and materials science that inform and influence the practice of architectural design process,			●				●		●					
	4. Formulate a research question, aim and objectives of a review study proposal.														
	5. Develop design research or review studies,	●		●											
	6. Write a research proposal and report.		●	●											
ARCH 583	1. Describe primary and secondary sources of architectural and urban history,														
	2. Distinguish the application of these in signature academic articles,														
	3. Use similar sources to research and illustrate specific cases,														
	4. Relate to the conditions that shape architecture and cities in early modernity,														
	5. Identify main elements of early modern cities,														
	6. Interpret early modern architecture and cities as precedents.														