FINAL INTERNATIONAL UNIVERSITY

FACULTY OF ARCHITECTURE AND FINE ARTS

INTERIOR ARCHITECTURE Program of Courses

Course categories: UC = University Core; FC = Faculty Core; AC = Area Core; AE = Area Elective; FE = Faculty Elective; UE = University Elective

Semester	Course Code	Course Title	Course Category	Hours			Total Credit	Pre-requisite	ECTS Credit
				Lecture	Tutorial	Lab/Prac.			
1	ARCH121	GRAPHIC COMMUNICATION-I	FC	3	0	0	3	-	4
1	ARCH123	INTRODUCTORY DESIGN STUDIO-I	FC	2	0	4	4	-	8
1	MATH125	MATHEMATICS AND GEOMETRY FOR DESIGNERS	FC	2	1	0	2	-	3
1	ARCH127	INTRODUCTION TO ART AND DESIGN	FC	3	0	0	3	-	3
1	ENGL121	ENGLISH-I	UC	3	0	0	3	-	4
1	TUOG101 / TURK131	TURKISH LANGUAGE-I / TURKISH AS A FOREIGN LANGUAGE-I	UC	2	0	0	2	-	3
1	ITEC100	INFORMATION TECHNOLOGIES	UC	2	0	2	3	-	5
		Total 7 courses	**TOTAL:**	**17**	**1**	**6**	**20**		**30**
2	ARCH122	GRAPHIC COMMUNICATION-II	FC	3	0	0	3	ARCH121	4
2	ARCH124	INTRODUCTORY DESIGN STUDIO-II	FC	2	0	4	4	ARCH123	8
2	ARCH126	ARCHITECTURAL PRESENTATION TECHNIQUES	FC	3	0	0	3	-	4
2	ARCH128	INTRODUCTION TO DESIGN AND TECHNOLOGY	FC	3	0	0	3	-	4
2	ENGL122	ENGLISH-II	UC	3	0	0	3	ENGL121	4
2	TARH101 / HIST111	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REFORMS-I	UC	2	0	0	2	-	3
2	TUOG102 / TURK132	TURKISH LANGUAGE-I / TURKISH AS A FOREIGN LANGUAGE-II	UC	2	0	0	2	- / TURK131	3
		Total 7 courses	**TOTAL:**	**18**	**0**	**4**	**20**		**30**
3	INAR200	SUMMER PRACTICE-I: TECHNICAL DETAILS	AC	0	0	0	0	-	3
3	INAR221	INTERIOR ARCHITECTURE STUDIO-I	AC	2	0	4	4	ARCH121, [illegible]	7
3	INAR223	ERGONOMICS AND UNIVERSAL DESIGN IN ARCHITECTURE	AC	3	0	0	3	-	6
3	ARCH225	BUILDING MATERIALS AND CONSTRUCTION-I	FC	3	0	0	3	-	3
3	ARCH227	HISTORY OF ARCHITECTURE	FC	3	0	0	3	-	4
3	ARCH231	COMPUTER AIDED DESIGN	FC	2	0	1	2	-	4
3	TARH102 / HIST112	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REFORMS-II	UC	2	0	0	2	-	3
		Total 7 courses	**TOTAL:**	**15**	**0**	**5**	**17**		**30**
4	INAR222	INTERIOR ARCHITECTURE STUDIO-II	AC	2	0	4	4	[illegible]	7
4	ARCH226	BUILDING MATERIALS AND CONSTRUCTION-II	FC	3	0	0	3	ARCH225	3
4	ENGR215	RESEARCH METHODS FOR ENGINEERING AND ARCHITECTURE	FC	2	0	0	2	-	3
4	OHSA206	OCCUPATIONAL HEALTH AND SAFETY	FC	3	0	0	3	-	3
4	ARFAXX1	FACULTY ELECTIVE	FE	X	X	X	3	-	5
4	ARFAXX2	FACULTY ELECTIVE	FE	X	X	X	3	-	5
4	UNIEXX1	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
		Total 7 courses	**TOTAL:**	**10**	**0**	**4**	**21**		**30**
5	INAR300	SUMMER PRACTICE-II: CONSTRUCTION SITE	AC	0	0	0	0	INAR200	3
5	INAR321	INTERIOR ARCHITECTURE STUDIO-III	AC	2	0	4	4	INAR222	7
5	INAR323	DETAILING STUDIO	AC	3	0	0	3	-	4
5	ARCH327	BUILDING MATERIALS AND CONSTRUCTION-III	FC	3	0	0	3	ARCH226	3
5	ARCH323	PRINCIPLES AND APPROACHES TO CONSERVATION AND RESTORATION	FC	3	0	0	3	-	3
5	INARXX1	AREA ELECTIVE	AE	X	X	X	3	-	6
5	UNIEXX2	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
		Total 7 courses	**TOTAL:**	**11**	**0**	**4**	**19**		**30**
6	INAR322	INTERIOR ARCHITECTURE STUDIO-IV	AC	2	0	4	4	INAR321	9
6	INAR324	FURNITURE DESIGN	AC	2	0	1	2	-	4
6	INAR326	INTERIOR ARCHITECTURE THEORY	AC	2	0	1	2	-	4
6	INAR327	PRODUCT DETAILS	AC	3	0	3	3	-	4
6	ARCH328	ADVANCED COMPUTER APPLICATIONS	FC	2	0	1	2	ARCH231	3
6	INARXX2	AREA ELECTIVE	AE	X	X	X	3	-	6
		Total 6 courses	**TOTAL:**	**11**	**0**	**10**	**16**		**30**
7	INAR400	SUMMER PRACTICE-III: ARCHITECTURAL OFFICE	AC	0	0	0	0	INAR300	3
7	INAR421	INTERIOR ARCHITECTURE STUDIO-V	AC	2	0	4	4	INAR322	6
7	INAR425	BUILDING ECONOMICS IN INTERIOR ARCHITECTURE	AC	3	0	0	3	-	3
7	ARFAXX3	FACULTY ELECTIVE	FE	X	X	X	3	-	5
7	ARFAXX4	FACULTY ELECTIVE	FE	X	X	X	3	-	5
7	UNIEXX3	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
7	UNIEXX4	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
		Total 7 courses	**TOTAL:**	**5**	**0**	**4**	**19**		**30**
8	INAR422	GRADUATION PROJECT	AC	2	0	4	4	INAR421	14
8	INAR424	INTERIOR ARCHITECTURE DESIGN PROFESSIONAL APPLICATION	AC	3	0	0	3	-	4
8	INARXX3	AREA ELECTIVE	AE	X	X	X	3	-	6
8	INARXX4	AREA ELECTIVE	AE	X	X	X	3	-	6
		Total 4 courses	**TOTAL:**	**5**	**0**	**4**	**13**		**30**
			GRAND TOTAL:	**92**	**1**	**41**	**145**		**240**

Area and Faculty Elective Courses

No.	Course Code	Course Title	Course Category	Hours			Total Credit	Pre-requisite	ECTS Credit
				Lecture	Tutorial	Lab/Prac.			
1	INAR225	SPACE INFORMATION	AE	3	0	0	3	-	6

2	INAR229	SUSTAINABLE DESIGN APPROACHES IN INTERIOR ARCHITECTURE	AE	3	0	0	3	-	6
3	INAR325	TURKISH HANDICRAFTS	AE	3	0	0	3	-	6
4	INAR226	INTRODUCTION TO COLOR AND LIGHT FOR INTERIOR ARCHITECTS	AE	3	0	0	3	-	6
5	INAR328	INTEGRATED SYSTEMS IN INTERIOR ARCHITECTURE	AE	3	0	0	3	-	6
6	INAR423	PROTECTION OF HISTORICAL INTERIORS: HISTORY AND THEORY	AE	3	0	0	3	-	6
7	ARFA212	READING ARCHITECTURAL TEXTS	FE	3	0	0	3	-	5
8	ARFA215	EXPERIMENTAL ARCHITECTURE LAB	FE	2	0	2	3	-	5
9	ARFA306	SENSORY ARCHITECTURE: LIGHT AND SOUND	FE	3	0	0	3	-	5
10	ARFA309	EVOLUTIONARY THINKING AND THE POTENTIALS OF ENVIRONMENT	FE	3	0	0	3	-	5
11	ARFA311	CINEMATOGRAPHIC PERCEPTION AND ARCHITECTURE	FE	3	0	0	3	-	5
12	ARFA209	ECOLOGICAL ISSUES AND BUILDING DESIGN	FE	3	0	0	3	-	5
13	ARFA354	ARCHITECTURE USING DIAGRAMS	FE	3	0	0	3	-	5
14	ARFA356	APPLICATION OF ARTIFICIAL INTELLIGENCE IN ARCHITECTURE	FE	3	0	0	3	-	5
15	ARFA413	3DS MAX FOR ARCHITECTS: MODELLING AND VISUALIZATION	FE	3	0	0	3	-	5

PROGRAM INFORMATION

General Goal of the Program	This four-year full-time undergraduate program in Interior Architecture equips students with the skills to design and transform interior environments that enhance functionality, aesthetics, and human experience. The program offers students the opportunity to pursue a career in an innovative, dynamic, and multidisciplinary field that shapes the way people experience and interact with interior spaces. Through a comprehensive curriculum covering history, theory, materiality, sustainability, and emerging technologies, students engage in hands-on projects that explore diverse social, cultural, and environmental contexts. They learn to conceptualize and execute human-centered, innovative, and sustainable interior spaces, bridging artistic expression with practicality. Graduates are well-prepared to enter the industry, shaping the way people live, work, and interact within built environments.
Program Outputs	**1. Design Methodologies, Conceptualisation, and Critical Thinking** Develop proficiency in the methods and processes of interior architecture, including creative problem-solving and critical thinking skills for generating integrated and innovative spatial solutions. Understand theories of interior design and their interrelation with user experience, well-being, and aesthetics to create meaningful and human-centric interior environments.
	2. Detailing, Material Competence, and Tectonics Be capable of designing technical detailing of interior spaces, finishing surfaces, furniture design, lighting, and integrated building systems, considering construction processes and material applications in relation to spatial design.
	3. Evidence-Based Approaches to Interior Design Be capable of developing user-centered and research-driven design solutions through design-by-research, research-by-design, and practice-based design research. Become capable of thorough data collection and synthesis to create functional and aesthetically refined interior spaces that enhance users' quality of life.
	4. Innovation and Emerging Technologies Learn and apply emerging technologies and innovative design methods to the design process, design method, and construction. Understand AI-powered design tools and their role in generative design processes. Be flexible and capable of learning new skills to adapt to the rapidly progressing world.
	5. Graphical Communication Be capable of illustrating all stages of the design process. Be capable of effective digital graphic communication and emerging digital technologies.
	6. Sustainable, Environmental, and Resilient Design Integrate principles of sustainability, resiliency, well-being, and ecological responsibility into interior architecture design and practice.
	7. Conservation, Restoration and Adaptive Reuse Be sensitive to the historical, cultural, and social contexts. Understand the principles of conservation, restoration and adaptive reuse of interior spaces.
	8. Interdisciplinary/Multidisciplinary Collaboration and Teamwork Cultivate skills for collaborating with architects, engineers, product designers, lighting specialists, and other professionals to realise comprehensive interior solutions. Develop the ability to function effectively in multidisciplinary teams.
	9. Professional Practice, Ethics, and Legal Responsibilities Live interior architecture ethics underpinning the profession; understand local regulatory frameworks of professional practice. Apply universal design principles to ensure public goods in all aspects.

STATISTICS

Total

Courses	Number	Credit	ECTS
All Courses	**52**	**145**	**240**
University Core Courses	7	17	25
Faculty Core Courses	17	49	67
Area Core Courses	16	43	88
Area Elective Courses	4	12	24
Faculty/School electives	4	12	20
University Elective Courses	4	12	16
Free Elective Courses			
Course Offered By The Administrating Department			
Course Offered By Other Department			

PER SEMESTER STATISTICS

	Semester							
	1	2	4	5	6	7	8	Average
Number of Courses Per Semester	7	7	7	7	6	7	4	6.5
Number of Credits Per Semester	20	21	#	19	16	19	13	18
ECTS Credits Per Semester	30	30	#	30	30	30	30	30

COURSE DESCRIPTIONS

Course Descriptions – I: All Area Core and Faculty/School Core courses offered by the department of the program.

Course Code	Course Title	Credit	ECTS Credit	Course Catego.	Pre-requisite	Teaching Language
ARCH121	**GRAPHIC COMMUNICATION-I**	(3, 0, 0)**3**	4	FC	-	English
Course Content	This is an introductory course aimed at improving the ability of students to draw and envision design through learning the fundamental principles of seeing, perception, freehand drawing, orthographic and praline drawing. The purpose of this course is to improve the visual communication skills of students using a variety of concepts and techniques that will stress; understanding the basic communication elements in the field of architecture and also learning a broad and scalable graphic language that will support students in their design courses.					

ARCH123	**INTRODUCTORY DESIGN STUDIO-I**	(2, 0, 4)**4**	8	FC	-	English
Course Content	This course aims to furnish students with the creative and critical skills required in architectural design. Through a series of design exercises, students explore shapes, forms, figures, colors, textures, materials, scales, and space and in this way develop their visual vocabulary and an understanding of the value of both product and process in the design studio. Basic principles of design, creating a visual vocabulary through 2 and 3 dimensional exercises, design elements and their characteristics, design principles, and problems are aimed to teach to enhance students' mental and manual skills, emphasis on creativity, and critical thinking.					
MATH125	**MATHEMATICS AND GEOMETRY FOR DESIGNERS**	(2, 1, 0)**2**	3	FC	-	English
Course Content	Solid understanding of geometry and mathematics is vital for accurate communication of design ideas. The main aim of this course is to explore the relationship between mathematics and geometry with architecture through the study of the size, shape, relative position of figures in space, and measurement. In this regard, quadratic functions, trigonometric identities and equations, applications of trigonometry, vectors and their applications, polar equations, solution of linear system of equations, analytic geometry; parabolas, ellipses, hyperbolas, conic sections, quadratic surfaces will be studied. Therefore, this course allows students to see the connection between mathematical concepts and the construction of a scale or full-size dwelling.					
ARCH127	**INTRODUCTION TO ART AND DESIGN**	(3, 0, 0)**3**	3	FC	-	English
Course Content	This course is a comprehensive introduction to the terms and principles that are generally related to multiple design disciplines. It will be a guideline for the process of conceptualization, creation, and analysis of the design and design-related issues. This course aims to elevate the level of understanding of students in two main areas: First, understanding and observation of existing design examples and environment; second, usage of principles and regulated guidelines in the process of design as a designer. Therefore, by obtaining the presented knowledge in this course, students will be able to analyze, criticize and conceptualize while proceeding with the process of design.					
ARCH122	**GRAPHIC COMMUNICTION-II**	(3, 0, 0)**3**	4	FC	ARCH121	English
Course Content	This course aims to further develop skills in graphic expression. Advanced graphic communication techniques develop techniques of architectural drawing, drawing conventions in different design branches, and presentation techniques in various drawing media. The complexity of most design projects and the nature of design work necessitate the use of graphic images to develop and communicate design ideas from the very early conceptual phase to the final construction stage. These "design drawings" are an integral part of the problem-solving and design process. This course aims to introduce and equip students of interior architecture with advanced graphic communication skills that they shall exercise throughout their university education and professional life.					
ARCH124	**INTRODUCTORY DESIGN STUDIO-II**	(2, 0, 4)**4**	8	FC	ARCH123	English
Course Content	This second-semester design studio course further develops the skills introduced in ARCH123. Compositions, compilations, arrangements and re-arrangements are explored with reference to both the human and spatial design process. Through three-dimensional physical model-making students develop an understanding of the role of surfaces, solids, and voids in making spaces. The course emphasizes the design process, three-dimensional forms, space, function, material, structure, the role of context, human dimension, scale and transition from abstract to concrete. Also, the students are introduced to the fundamentals of architectural design and conception. Thus, students will be developing a framework of critical thinking while they are introduced to the quality of spaces, materials and design principles in order to develop from conceptual ideas to formal architectural presentation.					
ARCH126	**ARCHITECTURAL PRESENTATION TECHNIQUES**	(3, 0, 0)**3**	4	FC	-	English
Course Content	Basic drawing techniques of various kinds essential for architecture and interior design studies and presentations, concentrating on the concepts of scale, materials, and technique are the content of the course. This course aims to explore the theory of design and its application in the world of architecture and interior architecture, focus on learners' skills of creating and thinking within the architectural field, examine critical elements of design theory, sketching application, and space planning, develop skills in visualization, modeling, presentation drawings, floor plans and exterior compositions, and prepare learners to be able to discuss projects in architectural terms with appropriate professional vocabulary.					
ARCH128	**INTRODUCTION TO DESIGN AND TECHNOLOGY**	(3, 0, 0)**3**	4	FC	-	English
Course Content	This course includes the history of design technology, structural logic, form, structure and material, sustainable and innovative aspects of design technology, and the study of the relationship between structures and relevant basic technologies and related vocabulary. Topics include; design factors, effective loads and forces, materials and design technologies in history, structure and design technology, contemporary structures, the definition of building and building elements, sustainability, innovative thinking. The course ultimately aims to help students turn their designs into reality through creative and imaginative activity.					
INAR200	**SUMMER PRACTICE-I – TECHNICAL DETAILS**	(0, 0, 0)**0**	3	AC	-	English
Course Content	The second-year summer practice has three stages: The first step includes training to introduce CAD technologies (AutoCAD and Sketch Up) program for the second-year students to develop skills in recent design and manufacturing software/hardware technology in Architectural, construction company or any related company (10 days). In the second stage, students should attend a workshop/summer school or work for a civil society organization of their choice, and in the third stage, students should take part in an architectural excursion (10 days).					
INAR221	**INTERIOR ARCHITECTURE STUDIO-I**	(2, 0, 4)**4**	7	AC	ARCH121, ARCH124	English
Course Content	In this course, an example of a small short-term interior design project is addressed. Through slide shows, readings, and various practical and analytical exercises that run concurrently with design problems, students are expected to investigate and propose a proper solution to an interior design problem. This may involve one or more of the following: a fundamental design concept, contextual and functional analysis, the programming process, creating user profiles, understanding building structures, scales, initial furniture and furnishing of the interior space, spatial organizations, and the last but not the least, to integrate conceptual approaches into the design process.					
INAR223	**ERGONOMICS AND UNIVERSAL DESIGN IN ARCHITECTURE**	(3, 0, 0)**3**	6	AC	-	English
	In this course, the students will learn the ergonomics of human factors (HFE) and its consequences for the universal design process. A significant element of this course is anthropometry and the use of the					

Course Content	relevant terminology. Students can learn the fundamental dimensions of human body and how these can be used in architecture, as well as disability problems, universal design and human actions in space. Ergonomics is a multidisciplinary discipline, which will be studied in a broad variety of subjects.					
ARCH225	**BUILDING MATERIALS AND CONSTRUCTION-I**	(3, 0, 0)**3**	3	FC	-	English
Course Content	This course is based on the tectonics of building and construction methods according to the systems approach (all types of masonry; brick, stone, timber with or without tie beams). It also serves as an introduction to basic types of skeletal structures and includes a presentation of construction types and construction methods with examples considering building elements (wall, floor, roof, stairs, partitions) and building materials (metals, cement-based, wood, natural stone, earth-based, bitumen-based, glass, polymers), and construction of possible cladding systems, to be used with these systems.					
ARCH227	**HISTORY OF ARCHITECTURE**	(3, 0, 0)**3**	4	FC	-	English
Course Content	This course will introduce students to the evolution of the history of architecture from prehistoric to the current period. It explores the cultural and historical development of art and architecture from the era of early settlements and examples of monumental architecture in Mesopotamia, Egypt, Anatolia, and the Mediterranean until the Late Antique and Byzantine periods. This will enable students to grasp the dynamics of architectural change as a part of other developments in the field of culture and society. It will also highlight significant events, styles, architects, buildings, and other factors that would lead to an understanding of why various cultures produced the architecture of their time.					
ARCH231	**COMPUTER AIDED DESIGN**	(2, 0, 1)**2**	4	FC	-	English
Course Content	This course is an introduction to using Computer-Aided Design to design residential and commercial buildings. Although this course is mainly a software tutorial, yet students are going to learn how to integrate their design ideas, after the formation of their design, with practical skills in drawing. For that matter, this course is being taught to the students by involving them with virtual drawings and also to develop their understanding of the importance of scale, proportions and level of accuracy in architectural drawing. Students will receive software tutorials during the class and while receiving the initial lessons directly related to AutoCAD, the exercises will enable them to transfer their ideas from paper to a digital format.					
INAR222	**INTERIOR ARCHITECTURE STUDIO-II**	(2, 0, 4)**4**	4	AC	ARCH122, INAR221	English
Course Content	The main aim of this interior architecture design studio is to emphasize the consistency of the overall design process based on critical thinking. In this studio, students are analyzing and considering the spatial potentials of the existing building. They are also exploring the multiple dimensions of spatial design in terms of the relations between form, function, structure, interior spaces organization, and their vertical circulations. In the small-scale project (including a mezzanine floor) they are supposed to concentrate on concept development and its translation into space, decisions related to the furniture of the interior space, and so on.					
ARCH226	**BUILDING MATERIALS AND CONSTRUCTION-II**	(3, 0, 0)**3**	3	FC	ARCH225	English
Course Content	This course provides students with the knowledge and skills required for wide-span roof structures (folded plate, space frame, membranes, dome, truss systems etc.) in macroscale and staircases, windows, doors with their detailing in micro-scale. All kinds of possible construction methods with special finishing details will be examined. The integration of building elements through practices such as external wall systems, window and door systems, floor systems (ground, intermediate and exposed soffit floors, suspended ceilings, raised floors), vertical circulation systems (ramps and stairs), roof systems (flat and sloped roofs) and partition systems (fixed and moveable partitions) will also be discussed.					
ENGR215	**RESEARCH METHODS FOR ENGINEERING AND ARCHITECTURE**	(2, 0, 0)**2**	3	FC	-	English
Course Content	The key qualitative and quantitative research approaches and their applications to architecture, urban design and planning, and interior architecture are explored in this course. The method and practice of scientific study in social sciences are primarily discussed. The course provides students with vital tools to conduct ethical and independent research. It teaches how research questions can be created, conceptual and analytical structures created, critical literature reviews made, fields entered and researched, and a research report published. Topics cover general principles and methods of study for theoretical analysis process; social behavioral and remarkable studies on architecture, urban design and interior design; effective methods that lead to the development of design concepts and the preparation of qualitative and quantitative aspects of research.					
INAR300	**SUMMER PRACTICE-II: CONSTRUCTION SITE**	(0, 0, 0)**0**	3	AC	INAR200	English
Course Content	This is a type of internship, which is aimed to make the students more familiar with real construction sites. It plays a role of a bridge for students to connect theory (academic disciplines) to practice (professional environments). This practice at a certain construction site(s) must be approved and reported through consistent documents, photographs, and daily activity reports. The department's standard summer practice (internship) report booklet must be filled out properly and signed by the official site manager or a responsive person of the construction site(s). The report along with an authorized letter of recommendation within a closed and authorized envelope in the department required format must be submitted by the student at the requested time.					
INAR321	**INTERIOR ARCHITECTURE STUDIO-III**	(2, 0, 4)**4**	7	AC	INAR222	English
Course Content	This interior design studio practices on projects of relatively low complexity for a defined specific user(s). In this regard, the effects of human needs, culture, perception issues on designing problems, and issues related to universal design and flexibility are discussed through interior arrangements for use in a residential project, which might be a house, flat, villa, penthouse, loft-dwelling, studio-house and etc. The course provides the students' consciousness on residential interior design and its close exterior space relations, as well as various ways of architectural thinking. Also, students are encouraged to do research and apply technological, sustainable, and multidisciplinary approaches in their projects.					
INAR323	**DETAILING STUDIO**	(3, 0, 0)**3**	4	AC	-	English
Course Content	This is a studio work, which can be done as part of a team or individually in order to use and evaluate building and material knowledge to obtain conceptual and detailed solutions to interior design problems. This course is emphasizing on the examination of general characteristics of finishing and detailing. It also considers different rules, techniques, and principles of finishing materials application for interior architects. Students will do research and learn about new innovative approaches, green materials, and technologies, finishing of building interior assemblies, connection, and fixing details.					

ARCH327	**BUILDING MATERIALS AND CONSTRUCTION-III**	(3, 0, 0)**3**	3	FC	ARCH226	English
Course Content	This course includes such topics as industrialized and prefabricated building techniques (Tunnel formwork, skeleton, panel, and modular construction systems), building envelopes (structural, nonstructural facades, classification of facades according to the materials) and their construction characteristics. Construction methods for these structures and examples of these types of buildings are examined in detail. The course mainly addresses advanced construction techniques and advanced structural systems. Problems associated with industrialized building techniques and advanced structural systems will also be surveyed. Special emphasis will be given to structural systems of architectural design; tunnel formwork, skeleton, panel and modular construction systems; facades of glass, multilayer glass, metal, concrete, brick, natural stone and system detailing.					
ARCH323	**PRINCIPLES AND APPROACHES OF CONSERVATION AND RESTORATION**	(3, 0, 0)**3**	3	FC	-	English
Course Content	The course offers students awareness of different approaches to conservation and restoration of cultural heritage over time, and how these have led to the modern theory of conservation and the international conservation doctrine. This course covers presentation of appropriate concepts of basic conservation, historic preservation, and restoration to help students acquire skills to apply in practice, emphasis on creating awareness and stirring up interest in architectural and urban heritage, supplying an overview of the concept of architectural and urban conservation, searching answers for questions: what should be preserved, why, for whom, and how. The topics include cultural heritage, measured drawing techniques; concepts of conservation, preservation, revitalization, restoration and restoration techniques.					
INAR322	**INTERIOR ARCHITECTURAL DESIGN STUDIO-IV**	(2, 0, 4)4	9	AC	INAR321	English
Course Content	This interior design studio practices on projects of relatively large and multi-functional spaces within an existing building with historical value. In this regard, the effects of human needs, culture, perception issues on designing problems, lighting, materials selection, and issues related to universal design and flexibility are discussed through interior arrangements. Students try to achieve the mentioned purposes by developing solutions with the aid of self-standing structural additions and implementations to be used in a multi-functional project. The course provides the students' consciousness on contemporary conservation approaches for historical buildings, as well as various ways of architectural thinking. Also, students are encouraged to do research and apply “space within space” system solutions, technological, sustainable, and multidisciplinary approaches in their projects.					
INAR324	**FURNITURE DESIGN**	(2, 0, 1)**2**	4	AC	-	English
Course Content	This course mainly concentrating on producing small-scale objects which can be applicable to furnish spaces. These objects can be used whether in indoor or outdoor spaces. Students are required to study the historical evolution of furniture, furniture design, and its industry from ancient times till today. Students are free to use every type of material such as wood, metal, plastic, fabric, glass, and so on in order to provide their necessary training tools for the project design. In this regard, this course develops both theoretical and practical understanding of furniture and furnishing elements, focuses mainly on designing furniture and industrial products by considering the socio-cultural context of the current century developments from an interior designer point of view.					
INAR326	**INTERIOR ARCHITECTURE THEORY**	(2, 0, 1)**2**	4	AC	-	English
Course Content	This course explores the formation of the concept of space in correlation with ideological and socio-cultural conditions of historical periods from Antiquity era. Then it continues through Industrial Revolution, modernism, postmodernism, etc. till recent architectural movements and different styles. It is a theorical base course, which is trying to improve the theoretical background knowledge of the students and display the effect of previous movements on our today architecture and interior architecture tastes. Due to the comparative nature of the course, a rather broad geographical scope is considered to include topics and examples from Europe, Asia, Africa, etc.					
INAR327	**PRODUCT DETAILS**	(3, 0, 3)3	4	AC	-	English
Course Content	The main aim of this course is to provide an overall assessment of the knowledge of building construction and material science with emphasis on conceptual and detail drawings related to interior architecture problems. Also, it tries to develop theoretical and practical understanding of furniture and furnishing elements. In this regard, this course attempts to provide an analysis of the detailing of the variety of movable and non-movable furniture, searching for solutions during production, by working on problems that might be caused by the quality of materials.					
ARCH328	**ADVANCED COMPUTER APPLICATION**	(2, 0, 1)**2**	3	FC	ARCH231	English
Course Content	Advanced Computer Application has become an essential tool for architecture students (and other students interested in design) while in university and for professional work. This course aims to develop 3D presentation models. 3D modeling refers to the process of creating a mathematical representation of a 3-dimensional object or shape. Motion pictures, video games, architecture, construction, product development, medical, all these industries are using 3D models for visualizing, simulating and rendering graphic designs. Rendering involves the appropriate use of materials, lights, background and animations.					
INAR400	**SUMMER PRACTICE-III: ARCHITECTURAL OFFICE**	(0, 0, 0)**0**	3	AC	INAR300	English
Course Content	This is a type of internship which is aimed to make a proper connection between students and professionals. It plays a role of a bridge for students to connect theory (academic disciplines) and to practice (professional environments). This practice at a design office of an approved interior designer or architect must be approved and reported through consistent documents, photographs, and daily activity reports. The department’s standard summer practice (internship) report booklet must be filled out properly and signed and stamped officially by the head of the office. The report along with an authorized letter of recommendation within a closed and authorized envelope in the department required format must be submitted by the student at the requested time.					
INAR421	**INTERIOR ARCHITECTURE DESIGN STUDIO V**	(2, 0, 4)4	6	AC	INAR322	English
Course Content	This interior design studio practices on projects having a relatively high level of complexity require substantial and creative design intervention, innovative approaches, and integration of all aspects of design including various related systems. In this regard, the effects of human needs, culture, perception issues on designing problems, lighting systems, color, texture, and issues related to universal design and flexibility are discussed through interior arrangements. Students’ project topics may include; open offices, shopping centers, governmental offices, educational facilities, hotel lobbies, cultural centers, etc.					
INAR425	**BUILDING ECONOMICS IN INTERIOR ARCHITECTURE**	(3, 0, 0)3	3	AC	-	English
Course Content	During this course, managerial and economic decisions at different levels (sector, firm, project, operational) of the building production process are introduced. Design and construction firm’s relations and organizational patterns will also be examined. The most important parts of the course relate to the evaluation of building investments, feasibility studies, and project delivery systems, organizational structures, finishing details, and cost management or cost estimation. Time and resource management estimation, planning, and control are also surveyed. Risk management and risk planning and control are also discussed, along with the role of interior architects in different stages of the production process and within the context of construction laws and regulations.					

INAR422	**GRADUATION PROJECT**	(2, 0, 4)4	14	AC	INAR421	English
Course Content	The graduation project displays the peak of interior architectural education where students are expected to handle projects having high levels of complexity both from functional and spatial viewpoints. This project design requires substantial and creative design intervention, innovative approaches, and integration of all aspects of design including various related systems. In this regard, the project must be supported by environmental and services studies in appropriate areas and with sufficient documentation to support an effective and practical design. Students' projects should represent the comprehensive synthesis of the areas of studies done in previous terms and should be sufficiently documented by means of a written report(s), drawings, models, calculations, illustrations, etc.					
INAR424	**INTERIOR ARCHITECTURE DESIGN PROFESSIONAL APPLICATION**	(3, 0, 0)3	4	AC	-	English
Course Content	This course prepares students to face professional works' issues and management models. In this regard, students will learn challenges in setting up and running their own business or cooperating with other institutions, their professional responsibilities, ethical issues, and relationship with other members of the industry. They will understand the preliminary project drawing, wage calculations, application project and detail drawing, general and special technical specifications and preparation of special administrative specifications, contract documentation, preparation of tender dossier, and progress report preparation.					

Course Descriptions – II: All Area Core and Faculty/School Core courses offered by other academic units.

Course Code	Course Title	Credit	ECTS Credit	Course Catego.	Pre-requisite	Teaching Language
ENGR215	**RESEARCH METHODS FOR ENGINEERING AND ARCHITECTURE**	(2, 0, 0)**2**	3	FC	-	English
Course Content	The key qualitative and quantitative research approaches and their applications to architecture, urban design and planning, and interior architecture are explored in this course. The method and practice of scientific study in the social sciences are primarily discussed. The course provides students with vital tools to conduct ethical and independent research. It teaches how research questions can be created, conceptual and analytical structures created, critical literature reviews made, fields entered and researched, and a research report published. Topics cover general principles and methods of study for theoretical analysis process; social behavioral and remarkable studies on architecture, urban and interior design; effective methods that lead to the development of design concepts and the preparation of qualitative and quantitative aspects of research.					
OHSA206	**OCCUPATIONAL HEALTH AND SAFETY**	(3, 0, 0)3	3	FC	-	English
Course Content	This course is designed to introduce the engineering student with the basic principles of occupational safety and health management in the industry. It covers basic safety terminology and how to access safety information and resources, development of safety and health function, concepts of hazard avoidance, the impact of regulations, toxic substances, environmental control, noise, explosive materials, fire protection, personal protection, first aid and risk management. Therefore, the main aim of the course is to introduce concepts of occupational safety and health, including regulatory agencies, financial and human impact of occupational injuries and illnesses, and also workers' compensation.					

Course Descriptions – III: All Area Elective and Faculty/School Elective courses offered by the department of the program.

Course Code	Course Title	Credit	ECTS Credit	Course Catego.	Pre-requisite	Teaching Language
INAR225	**SPACE INFORMATION**	(3, 0, 0)**3**	6	AE	-	English
Course Content	This course aims to introduce the concept of space, its organization, perception, and analysis for interior architects. In this regard, it concentrates on issues such as definition of space, the concept of space in interior architecture, elements of formation of space, principles of an organization in space: definition of design, design elements, design methods, perception, the definition of perception, perception process, perception psychology, design laws, perception of space in interior architecture, analysis: analysis definition, the purpose of analysis, methods of analysis, space analysis, physical and psychological analysis of space.					
INAR229	**SUSTAINABLE DESIGN APPROACHES IN INTERIOR ARCHITECTURE**	(3, 0, 0)**3**	6	AE	-	English
Course Content	The main aim of this course is to provide a general overview of all the ways building sub-systems support the daily activities and physical needs of users in interior spaces from the perspective of sustainability and safety in correlation with the various dimensions of human comfort. It tries to help students understand and develop an approach, which supports the specific concerns of interior architects, as well as connecting these specific concerns to the issues of other specialists, who are involved in the designing and constructing processes of buildings.					
INAR325	**TURKISH HANDICRAFTS**	(3, 0, 0)**3**	6	AE	-	English
Course Content	The main aim of this course is to make drawing sketches of various objects for improving drawing techniques, and transfer of any region selected in interior/ exterior spaces to paper with different techniques, detailing, and presentation with photographic works in order to improve the perception of space. Sketching studies and finalizes details of the space by using different materials such as collage technique and clay. Different stages and techniques are taught to students with special projects. These techniques are drawing techniques, painting techniques, the application of color in painting, (watercolor, oil painting, pastel, dry pencil, acrylic, liquid painting techniques) printing, photography, clay works, relief technique (relief), collage, stone carving, balance work with stones, fabric printing, sculpture, paper arts and etc.					
INAR226	**INTRODUCTION TO COLOR AND LIGHT FOR INTERIOR ARCHITECTS**	(3, 0, 0)**3**	6	AE	-	English
Course Content	This course can be considered as an introduction to the color, light and their evaluation for design application purposes. Light is addressed as an essential design tool in space, partaking in its proper functioning, but also in the articulation of space and the formation of space character, mood and atmosphere. In this regard, along with the technical knowledge and understanding of light, students will be introduced to its role in space perception and its psychological responds and effects. On the other hand, the main principles of artificial lighting system design (light sources, luminaires, control mechanism) will be introduced. Definitions and related standards on visual comfort, and also energy efficiency and lighting energy performance of buildings will be analyzed.					
INAR328	**INTEGRATED SYSTEMS IN INTERIOR ARCHITECTURE**	(3, 0, 0)**3**	6	AE	-	English
Course Content	This level construction course tries to examine the construction types, technique and appropriate materials of additional spaces, vertical circulation elements and horizontal flooring for architectural spaces (mezzanine floors). Formation of structural extensions, mezzanine floor and stairs differently for each different material like reinforced concrete, wood, steel, glass and composite are considered. This course mainly covers complex forms of construction in relation to relatively larger volumes of interior spaces. Brief information on different structural systems is provided. Principles of skeleton constructions with particular emphasis on reinforced concrete, wood and steel framed structures are introduced in some detail. Information on combined usage of different structural systems is also addressed.					
INAR423	**PROTECTION OF HISTORICAL INTERIORS: HISTORY AND THEORY**	(3, 0, 0)**3**	6	AE	-	English
Course Content	This is mainly theoretical course concentrating on the general concepts related to the history of surveying protectionism, values to be protected and protection criteria, evaluation of immovable cultural properties, factors, and damage to buildings caused by people. It tries to make an introduction to contemporary adaptive reuse approaches for the continuity of historical buildings as part of active cultural heritage. These contemporary conservation, renovation, and re-use approaches for the sustainability of historical buildings within cultural heritage and the evolution of adaptive reuse are examined through successful applications and examples.					

ARFA209	**ECOLOGICAL ISSUES AND BUILDING DESIGN**	(3, 0, 0)**3**	5	FE	-	English
Course Content	This course is an introduction to the theory and practice of ecological approaches to architectural design. Historical and theoretical frameworks for ecological design thinking are presented with a focus on basic ecological design principles and concepts in micro and macro scale, which is going to focus on the small scale (buildings) and the larger scale (urban patterns). The course also aims to raise the environmental issues of major significance today, specifically in relation to land, water, air, and energy and material resources. The main concepts to be explored within the course: the primary reasons and arguments for the rapidly expanding ecological design movement, sustainable architecture and its various dimensions, traditional architecture, regional architecture, design with ecology, technology and so on.					
ARFA212	**READING ARCHITECTURAL TEXTS**	(3, 0, 0)**3**	5	FE	-	English
Course Content	The discipline of architecture is situated at the crossroads of many other disciplines. It is not only the knowledge or science of building. Architecture is strongly tied with literature, art, philosophy, psychology, mathematics and many other independent disciplines. Architectural texts can be majorly divided into two categories: first, the texts about architecture; and second, the texts related to architecture. The first group usually includes the literary work of architects, while the second group is more diverse, including the texts by architects and other literary content written within other related disciplines that relate to the architecture in some way. This course aims to introduce students to the literature that exists within or is related to the architectural discipline.					
ARFA215	**EXPERIMENTAL ARCHITECTURE LAB**	(2, 0, 2)**3**	5	FE	-	English
Course Content	The course is designed to create a dynamic and collaborative platform where students can engage in experimental, hands-on activities. These activities will foster innovation by exploring new materials, structural systems, and ecological approaches, pushing the boundaries of conventional design practices. By integrating creative experimentation with practical applications, students will gain a deeper understanding of the tangible aspects of architecture that are crucial for sustainable and forward-thinking solutions. The course emphasızes on the importance of direct interaction with materials, systems, and environments, ensuring that future architects are equipped to combine the strengths of software with hands-on expertise for ground-breaking innovations.					
ARFA306	**SENSORY ARCHITECTURE: LIGHT AND SOUND**	(3, 0, 0)**3**	5	FE	-	English
Course Content	Multi-sensory design is traditionally assumed to be designed that impacts the five senses: sight, hearing, taste, touch, and smell. The main principles of artificial lighting system design (light sources, luminaires, and control mechanism) will be introduced. Definitions and related standards on visual comfort will be analyzed. Energy efficiency and lighting energy performance of buildings will be analyzed. Architectural acoustics will be introduced. Fundamental acoustics terminology will be taught. Noise control, sound isolation, volume acoustics, sound amplification will be discussed. Different materials and new methods of using an architectural acoustics and energy efficiency will be discussed. Also, light color sound will be discussed.					
ARFA309	**EVOLUTIONARY THINKING AND THE POTENTIALS OF ENVIRONMENT**	(3, 0, 0)**3**	5	FE	-	English
Course Content	The main concepts of the evolutionary thinking and potentials of environment to give a basic information of evolution such as evolutionary thinking, evolution of architecture, evolution of interior design, evolution of urban, evolution of planning, evolution of structure, evolution of construction. Beside this, it goes into deeper understanding about environment and relations to human and a built environment. Analyzing the environment can give solutions to find out more sustainable life qualities either on socio economic, socio cultural and socio physical topics.					
ARFA311	**CINEMATOGRAPHIC PERCEPTION AND ARCHITECTURE**	(3, 0, 0)**3**	5	FE	-	English
Course Content	Cinema's holistic approach provides and unrevealed form of spatial and urban modelling of the real world, encompassing weather, comfort, aspirations, dreams, nightmares, social spatial and cultural conditions. As Patrick KIELLER mentioned 'In film, one can explore the space of past in order to better anticipate the space of future. Or according to Robert Mallet-Stevens "It is undeniable that the cinema has a marked influence on modern ARCHITECTURE; in turn, modern architecture brings its artistic side to the cinema..." Modern architecture not only serves the cinematographic set [decor], but imprints its stamp on the staging [mise-en-scene], it breaks out of its frame; architecture 'acts.'					
ARFA354	**ARCHITECTURE USING DIAGRAMS**	(3, 0, 0)**3**	5	FE	-	English
Course Content	The "Architecture of Diagrams" course offers an immersive exploration into the integral role of diagrams in architectural theory, design processes, and effective communication within the profession. This interdisciplinary course blends traditional and digital approaches to equip students with the skills needed to conceive, develop, and communicate architectural ideas through a diverse range of diagrams (Planimetric, Sectional, Axonometric, Programmatic, Contextual, Circulation, Structural, Scaled, Sequential, Generative, Topological, Euclidean, Pertaining to a Visual Field, Pertaining to Sensation, Diagrammatic Buildings, Parti, Relating Equipment and Effectsm, Post Facto Explications). From conceptual sketches to complex digital representations, students will delve into the theoretical foundations, practical applications, and collaborative aspects of architectural diagramming.					
ARFA356	**APPLICATION OF ARTIFICIAL INTELLIGENCE IN ARCHITECTURE**	(3, 0, 0)**3**	5	FE	-	English
Course Content	The course explores the intersection of AI and architecture. Starting with a theoretical foundation, it covers the evolution of artificial intelligence, highlighting its potential and risks. As a part of the theory, large language models (LLM) will be briefly introduced as well as influential AI organizations like Google DeepMind and OpenAI, and their products: Gemini, and ChatGPT. Students engage with text-to-text generators like Bard and ChatGPT V.3, explore text-to-image (Midjourney, Dall-E, ChatGPT V.4) and image-to-image prompting. In the practical segment, students study AI-aided brainstorming and concept development and undertake multiple class projects, applying AI tools to put the design process forward in different stages. Students will also learn about getting help from A.I. for presenting their works.					
ARFA413	**3DS MAX FOR ARCHITECTS: MODELLING AND VISUALIZATION**	(3, 0, 0)**3**	5	FE	-	English
Course Content	The course aims to first provide students with a broad introduction to 3D visualisation, rendering, Illustration, and post-production methods using 3DS MAX computer applications and various render engines. The students will learn how to use 3DS MAX to create and transform complex 3-dimensional geometries. The student would learn how to keep up with the advancement in rendering and computer-based visualization methods using CPU and GPU render engines, including V-Ray, Lumion, and Twinmotion. The course aims to extend students' capacity to express their ideas in 3-dimensional space. The students will learn how to create expressive short animations to showcase their design projects.					