Academic Program Description Form

University Name: … Basrah university……

Faculty / Institute: …… Engineering …….

Scientific Department: ……Architecture……

Final Certificate Name: …… Bachelor of Science in Architecture ……

Academic System: ……1st semester……

Description Preparation Date: ……..

File Completion Date: ……10/9/2025……

Signature:	**Signature:**
Head of Department Name:	**Scientific Associate Name:**
Date:	**Date:**

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

Ministry of Higher Education and Scientific Research

Scientific Supervision and Scientific Evaluation Apparatus

Directorate of Quality Assurance and Academic Accreditation

Accreditation Department

Academic Program and Course Description Guide

2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extracurricular activities to achieve the learning outcomes of the program.

1.	Program Vision
Program vision is written here as stated in the university's catalogue and website.	

2.	Program Mission
Program mission is written here as stated in the university's catalogue and website.	

3.	Program Objectives
General statements describing what the program or institution intends to achieve.	

4.	Program Accreditation
Does the program have program accreditation? And from which agency?	

5.	Other external influences
Is there a sponsor for the program?	

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAM SPECIFICATION

This programme specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	University of Basrah
2. University Department/Centre	*Architecture* Engineering Department
3. Program Title	*Architecture* Engineering
4. Title of Final Award	Bachelor of *Architecture* Engineering
5. Modes of Attendance offered	Semester System
6. Accreditation	ABET
7. Other external influences	Field and scientific visits
8. Date of production/revision of this specification	2024
9. Aims of the Program	
1. .	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1- Clarifying the basic concepts of architectural design. A2- Acquiring the skill in addressing and addressing the problems faced by the architectural designer. A3- Acquiring basic skills for designing various buildings. A4- Acquisition in the field of programs for engineering designs. A5- Designing an integrated residential and urban environment. A6- Understanding the reality of the labor market and its various requirements. A7- Achieving the a to k criterion.

A. The program’s skill objectives.

B1 - The ability to design buildings.

B2 - The ability to think about solving realistic design problems.

B3 - Writing scientific reports and reading diagrams in a correct engineering manner.

Teaching and Learning Methods

1- Explanation and clarification through lectures.
2- Display scientific materials with projectors: data show, smart boards, plasma screens.
3- Self-learning through homework and mini-projects within the lectures.
4- Laboratories.
5- Graduation projects.
6- Scientific visits.
7- Seminars held in the department.
8- Summer training.

Assessment methods

1- Short exams (Quiz).
2- Homework.
3- Semester and final exams for theoretical and practical subjects.
4- Small projects within the lesson.
5- Interaction within the lecture.
6- Reports.

C. Thinking Skills

C1. Attention: raising the students' attention by implementing one of the application programs on the display screen in the hall

C2. Response: Follow up the student's interaction with the material displayed on the screen

C3. Attention: Follow up on the interest of the student who interacted the most with the presented material.

C4. Formation of direction: meaning that the student is sympathetic to the presentation and may have an opinion towards the presented topic and defend it.

C5. Formation of value behavior: meaning that the student reaches the top of the emotional ladder, so he has a constant level in the lesson and does not let up or get bored.

Assessment methods

• Active participation in the classroom, a guide to the student's commitment and responsibility.
• Commitment to the deadline in submitting the duties and research required of the student to submit them.
• The quarterly and final exams express commitment and cognitive and skill

achievement.

D. General and Transferable Skills (other skills relevant to employability and personal development)

D1. Develop the student's ability to deal with technology.

D2. Developing the student's ability to deal with the Internet.

D3. Developing the student's ability to deal with multiple means.

D4. Develop the student's ability to dialogue and discussion.

11. Admission standard (development of college or institute admission regulations)

Rate: At least 90%

Age: No more than 25 years

Number: Up to 50 students per year

12. Key sources of information about the program

1- The websites of Iraqi and international universities.
2- The workshops held by the Ministry of Higher Education in addition to the Ministry's standards.
3- The path for American Academic Accreditation Program (ABET).

Curriculum Skills Map																			
please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed																			
Programme Learning Outcomes																			
Year / Level	Course Code	Course Title	Core (C) Title or Option (O)	Knowledge and understanding				Subject-specific skills				Thinking Skills					General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	C5	D1	D2	D3	D4
First class	***ARE101***	***Architectural Design I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
First class	***ARE102***	***Architectural Graphic I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
First class	***ARE103***	***Free hand drawing I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
1st.class	***ARE111***	***Principles of Art & Architecture I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
First year	***ARE121***	***Principles of Art & Architecture II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
First class	***ARE112***	***Building Materials I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
First class	***ARE122***	***Building Materials II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE201***	***Architectural Design II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE202***	***Architectural Graphic II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE203***	***Free hand drawing II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second	***ARE211***	***Building***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	

class		***Construction I (Bearing Walls System)***																		
Second class	***ARE221***	***Building Construction II (Skeleton System)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE212***	***History of Architecture I (Mesopotamia & old Egypt Architecture)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
second class	***ARE222***	***History of Architecture II (Greek & Roman Architecture)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE213***	***Design methodology and logic***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE214***	***AutoCAD I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Second class	***ARE224***	***AutoCAD II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Total for 2nd Year			C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE301***	***Architectural Design III***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE311***	***Building Construction III (Precast building)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE321***	***Building Construction IV (Steel Structure)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE312***	***History of Architecture III (Christian***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	

		& renaissance Architecture)																		
Third class	***ARE322***	***History of Architecture IV (Post-Renaissance Architecture)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE313***	***Principles of Urban Planning***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE323***	***Principles of Urban Design***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE314***	***3d-max I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE324***	***3d-max II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE315***	***Structures I (Structural Behavior)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE325***	***Structures II (Structural Design)***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE316***	***Sanitary services***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE326***	***Surveying***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Third class	***ARE317***	***Air-conditioning services***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Total for 3rd Year			C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Forth class	***ARE401***	***Architectural Design IV***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Forth class	***ARE411***	***Interior Spaces Designc***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth year	***ARE421***	***Exteriocr Spaces Design***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE412***	***Housing***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	

Forth class	***ARE422***	***Islamic Architecture***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE413***	***Theory of Architecture I***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE423***	***Theory of Architecture II***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE414***	***Climate & Architecture***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE424***	***Architectural Acoustics***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth stage	***ARE415***	***Building Technology***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE425***	***Engineering services***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth class	***ARE416***	***Architecture & society***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fourth Stage	***ARE426***	***Sustainable Architecture***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE511***	***Architectural Design V***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE512***	***Arabic Temporary Architecture***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE522***	***Iraqi Temporary Architecture***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE513***	***Architectural Philosophy***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE523***	***Architectural Criticism***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE514***	***Estimating &Specifications***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE524***	***Occupational Practice***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Fifth stage	***ARE525***	***Engineering Economy***	C	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	

Course Description Form

1. Course Name:	
Principles of Art and Architecture	
2. Course Code:	
ARE113	
3. Semester / Year:	
Year	
4. Description Preparation Date:	
9/9/2025	
5. Available Attendance Forms:	
Personal attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 /2	
7. Course administrator's name (mention all, if more than one name)	
Dr. Noor Abdulameer Almansor	
8. Course Objectives	
Course Objectives	1. Preparing the theoretical base that is integrated with the architectural design subject. 2. Introducing the new student to the basics of architecture and its connection with other fields of knowledge in general, and the field of art. 3. Developing the artistic taste of the new architectural student. 4. Giving a clear vision of the connection and overlap of the engineering field and the technical field in architecture to the new student, and the integration of the relationship between the two.
9. Teaching and Learning Strategies	
Strategy	• Teaching by enhancing participation with students and interaction by opening discussions. • Reports and assignments for selected subjects that ensure the analysis of realistic compositions with technical references. • Quizzes. • Presentation of lectures using demonstration means, such as a data show using the PowerPoint program.
10. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The first	2	Taste and understand works of art in general and architectural projects.	An introductory to the material with an introduction to art, architecture, and their connection with other areas.	Given a lecture using the projector	
Second	2	- The basic principles underlying architecture as a science and art. - Analyse architectural projects as formal and functional formations and identify the most important pioneers of architecture	The study of architectural design elements (elements of visual art).	Given a lecture using the projector and tests	
Third	2		- Identify the typical design principles and possible ways of connecting design elements. - Class assignment	Given a lecture using the projector and discussions with the students	Give marks for evaluation
Fourth	4		- Study the concept of unity in Unity design and its requirements as well as The Associated vocabulary. - Homework	Given a lecture using the projector and discussions with the students	Give marks for evaluation
Fifth					
Sixth	2		- Knowledge of proportion and proportionality in the division of lines and surfaces (golden mean). - **Quiz**	Given a lecture using the projector and discussions with the students	Give marks for evaluation
Seventh	2		Expanding the knowledge of proportion and proportionality in the division of lines and surfaces (ratio 1: √2)	Given a lecture using the projector and discussions with the students	
Eighth	2	Analyse architectural projects as formal and functional formations and identify the most important pioneers of architecture.	- Study the subject of measurement and proportions in the body and form (human scale). - Report	Given a lecture using the projector and presentations for the students	Give marks for evaluation

Ninth Tenth	2	- Analyse architectural projects as formal and functional formations and identify the most important pioneers of architecture. - Development on the analysis of architectural projects and knowledge of the ideas of architectural formations and introducing the pioneers of architecture.	- A visual analytical study in the concept of body Form (basic form, proportionality, transformation, reduction, addition, and other related concepts). - Class assignment	Given a lecture using the projector and discussions with the students	Give marks for evaluation
Eleventh Twelfth	4		- A visual analytical study in the concept of space (corresponding to space and mass, the definition of spaces by elements, the quality of architectural spaces, and other concepts associated with it). - Quiz	Given a lecture using the projector and discussions with the students	Give marks for evaluation
Thirteenth	2		Study the subject of architectural design (the main areas of architectural design).	Given a lecture using the projector and discussions with the students	
Fourteenth Fifteenth	4		Study the subject of architectural design (architectural composition).	Given a lecture using the projector and discussions with the students	

11.Course Evaluation

The 100 mark is divided according to the tasks assigned to the student, such as initial studies of projects, followed by prelim, pre-final, and final submissions in addition to the curriculum.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	(Principles in Art and Architecture), Shirin Ahsan Sherzad .
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	- (Design Fundamentals), Robert Gillam Scott. - *(Architecture: Form, Space & Order)*, Francis D.K. Ching.
Electronic References, Websites	• Arch daily • Arch h2o

	• Arch space • Dezeen • https://faculty.uobasrah.edu.iq/faculty/3427/teaching

Course Description Form

1. Course Name:	
History of Architecture III	
2. Course Code:	
ARE312	
3. Semester / Year:	
First Semester (Course 1) / 2024-2025	
4. Description Preparation Date:	
09/09/2025	
5. Available Attendance Forms:	
In-person	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours / 2 units	
7. Course administrator's name (mention all, if more than one name)	
Lecturer Hala Abdul Kareem Abdul Ghani hala.abdulkarem@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	Understanding the historical and architectural context Providing students with a comprehensive background on the development of architecture across. ancient, medieval, and modern eras.- Highlighting the relationship between architecture and social, economic, religious, and political conditions. Architectural Analysis- Training students to distinguish between different architectural schools and movements.- Identifying elements of architecture (planning, space, facades, materials) and their development. Critical Capacity Building- Enhancing comparative and analytical skills of architectural styles.- Connecting the past with the contemporary reality and benefiting from historical heritage in modern design. Architectural Identity Enhancement- Introducing students to both local and global architectural heritage.- Instilling the concept of preserving cultural identity while engaging with global trends. Research and Documentation Skills- Encouraging students to use academic sources, drawings, and historical plans.- Developing 3D models to preserve heritage values and reinforce architectural realism
9. Teaching and Learning Strategies	

Strategy	1. Interactive Lectures:- Presenting theoretical material supported with images, drawings, documentaries, and PowerPoint presentations.- Open discussions to deepen understanding. 2. Project-Based Learning:- Assigning students research/projects on architecture of specific civilizations or historical periods.- Creating 3D models using laser cutting machines (individual or group presentations). 3. Comparative and Analytical Learning:- Encouraging students to compare architectural models from different eras.- Analyzing buildings based on form, function, and symbolism.- Organizing scientific visits to archaeological sites or historical buildings. 4. Blended Learning:- Using digital sources: educational platforms, virtual museums, recorded lectures.- Assigning students to follow up online lectures and documentaries. 5. Continuous Assessment:- Short quizzes, assignments, class discussions.- Active participation contributes to final grad

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Early Christian Architecture (Intro)	Introduction to key architectural features	Explanatory lecture, documenta	A documentary video explaining the most important architectural features to be studied.
2	2	Genc of Church Architecture – House Churches	Understanding early church forms	Lecture, PowerPoint	Power Point
3	2	Regence of Church Architecture – Basilica	(Intro) Discussion on Basilica architecture	Lecture, PowerPoint	Power Point
4	2	Development of Basilica Architecture	Evolution of Basilica structures	Lecture, PowerPoint	Power Point
5	2	Byzantine Architecture (Intro)	Main features of Byzantine architecture	Lecture, PowerPoint	Power Point
6	2	anatine Architecture (Key Factors & Landmarks)	Influences and characteristics	Lecture, PowerPoint	Power Point

7	2	Review of Material	Short quiz	Oral/Written exam	-
8	2	Romanesque Architecture (Intro)	Understanding Romanesque style	Lecture, PowerPoint	Power Point
9	2	Field Visit	Visit important religious heritage sites	Scientific field trip, on-site discuss	
10	2	Romanesque Architecture (Factors & Landmarks)	Deeper analysis of Romanesque	Discussion Lecture, PowerPoint	Power Point
11	2	Gothic Architecture (Intro)	Gothic Architecture (Intro) Introduction to Gothic features	Lecture, PowerPoint	Power Point
12	2	Gothic Architecture (Factors & Landmarks)	Gothic Architecture (Factors & Landmarks) Influences and key landmarks	Lecture, PowerPoint	Power Point
13	2	Gothic Architecture in France & Italy	Comparative study of Gothic works	Lecture, PowerPoint	Power Point
14	2	Gothic Architecture in England & Spain	Comparative study of Gothic works	Discussion Lecture, PowerPoint	Power Point
15	2	Final Review & 3D/2D Models	Student presentations of selected landmarks	Student-led explanation, 3D/2D	

11. Course Evaluation	
- Midterm exam, short tests, assignments, class discussions (40%).- Final exam (60%).- Total: 100%	
12. Learning and Teaching Resources	
Main References	1. Dr. Abdel-Baqi Ibrahim – Architecture Through History 2. Dr. Atef Al-Iraqi – History of Architecture and Arts

	3. Spiro Kostof – A History of Architecture: Settings and Rituals 4. Marvin Trachtenberg & Isabelle Hyman – Architecture: From Prehistory to Post-Modernism
Recommended References	Francis D.K. Ching – Architecture: Form, Space, and Order Electronic references: British Museum, Metropolitan Museum website

Course Description Form

1. Course Name:	
History of Architecture IV	
2. Course Code:	
ARE312	
3. Semester / Year:	
First Semester (Course 2) / 2024-2025	
4. Description Preparation Date:	
09/09/2025	
5. Available Attendance Forms:	
In-person	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours / 2 units	
7. Course administrator's name (mention all, if more than one name)	
Asst. Lecturer Hala Abdul Kareem Abdul Ghani hala.abdulkarem@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	Understanding the historical and architectural context Providing students with a comprehensive background on the development of architecture across. ancient, medieval, and modern eras.- Highlighting the relationship between architecture and social, economic, religious, and political conditions. Architectural Analysis- Training students to distinguish between different architectural schools and movements.- Identifying elements of architecture (planning, space, facades, materials) and their development. Critical Capacity Building- Enhancing comparative and analytical skills of architectural styles.- Connecting the past with the contemporary reality and benefiting from historical heritage in modern design.

	Architectural Identity Enhancement- Introducing students to both local and global architectural heritage.- Instilling the concept of preserving cultural identity while engaging with global trends. Research and Documentation Skills- Encouraging students to use academic sources, drawings, and historical plans.- Developing 3D models to preserve heritage values and reinforce architectural realism

9. Teaching and Learning Strategies

Strategy	1. Interactive Lectures:- Presenting theoretical material supported with images, drawings, documentaries, and PowerPoint presentations.- Open discussions to deepen understanding. 2. Project-Based Learning:- Assigning students research/projects on architecture of specific civilizations or historical periods.- Creating 3D models using laser cutting machines (individual or group presentations). 3. Comparative and Analytical Learning:- Encouraging students to compare architectural models from different eras.- Analyzing buildings based on form, function, and symbolism.- Organizing scientific visits to archaeological sites or historical buildings. 4. Blended Learning:- Using digital sources: educational platforms, virtual museums, recorded lectures.- Assigning students to follow up online lectures and documentaries. 5. Continuous Assessment:- Short quizzes, assignments, class discussions.- Active participation contributes to final grad

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Introduction	Renaissance architecture	presentation	A documentary video explaining the most important architectural features to be studied.
2	2	The Beginning of Renaissance Architecture - Part One	Baroque architecture	presentation	Power Point

3	2	Rococo Architecture	The Beginning of Renaissance Architecture – Part Two	presentation	Power Point
4	2	Classical Architecture	Post-Renaissance Architecture Part 1	presentation	Power Point
5	2	Neo-Gothic Architecture	Architectural Trends in the 19th Century, 1	presentation	Power Point
6	2	Industrial Architecture	Architectural Trends in the 19th Century, 2	presentation	Power Point
7	2	Discussion of Previous Study Material	Quick Exam	-	-
8	2	Eclectic Architecture	Architectural Trends in the 19th Century, 3	presentation	Power Point
9	2	Colonial Architecture	Architectural Trends in the 19th Century, 4		Power Point
10	2	Neo-Romanticism	Architectural Trends in the 19th Century, 5	presentation	Power Point
11	2	Modernism in Architecture	The Beginning of Modernist Architecture	presentation	Power Point
12	2	Key Architectural Features	Modernist Architecture	presentation	Power Point
13	2	Definition of Characteristics	Examples from the Modernist Movement	presentation	Power Point
14	2	Key Influencing Factors	Report Discussion	Students explain the details of the selected landmarks.	Students discuss using a two-dimensional display

15	2	Building Analysis	Report Discussion	Students explain the details of the selected landmarks.	Students discuss using a two-dimensional display

11. Course Evaluation	
- Midterm exam, short tests, assignments, class discussions (40%).- Final exam (60%).- Total: 100%	
12. Learning and Teaching Resources	
1. Banister Fletcher – A History of Architecture	
2. Leonardo Benevolo – The Architecture of the Renaissance	
3. William J.R. Curtis – Modern Architecture: Since 1900	
4. Khalid Al-Sultani – A Hundred Years of Modernism	
Recommended References**- Charles Jencks – Modern Movements in Architecture- Kenneth Frampton – Modern Architecture: A Critical History- Electronic sources and website	

Course Description Form

1. Course Name:	
Architectural Design IV	
2. Course Code:	
ARE301	
3. Semester / Year:	
2025/9/1	
4. Description Preparation Date:	
Stage 3	
5. Available Attendance Forms:	
Presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
360/14	
7. Course administrator's name (mention all, if more than one name)	
Name:Dr.Alwaleed K. Al-baaj Email: alwaleed.al-baaj@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	The student gets acquainted with a multi-story project, in order to learn through it the principles of design for functional requirements of a typical, recurring nature, such as educational, administrative, residential, and commercial buildings, and to get acquainted with some construction details directed for this purpose, as well as the possibility of applying what the student learned from theoretical lessons related to services. The study includes a set of quick tests. To identify the student's ability to make the right design decisions within a short period of time.
9. Teaching and Learning Strategies	
Strategy	1. Visiting the site dedicated to designing the project and preparing special analytical studies for that in terms of identifying the determinants of the site, the neighborhoods, and the axes of movement around the site

	2. make analytical studies of the functional activities and the relationships between them and studying the standards of the project spaces to conclude a functional program for the spaces of the project spaces 3. Opening the field of the student by expanding his imagination towards finding solutions to the design problems of the project 4. Developing students' technical skills through the required show and making models 5. Make many sketch design to discover the student's ability to design

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-5	54	project1	Project multi-function	Show projects	Multi style of showing (printing-power point show)
6-14	114	Project **2**	Project containing large and medium-sized spaces.	Show projects	Multi style of showing (printing-power point show)
15	12	Day sketches	Day sketch for project	On computers	Files
16-20	45	Project 3	Project containing multi story building	Show projects	Multi style of showing (printing-power point show)
21-29	114	Project 4	Project multi story building like (academic,commercial …etc)	Show projects	Multi style of showing (printing-power point show)
30	12	Day sketches	Day sketch for project	On computers	Files

11. Course Evaluation	
Distributing the score out of 100 according to the projects display , day sketches	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	Neufert
Recommended books and references (scientific journals, reports ...)	Architects' data
Electronic References, Websites	Any website related with module

Course Description Form

1. Course Name:	
Surveying	
2. Course Code:	
ARE326	
3. Semester / Year:	
Two / Third stage	
4. Description Preparation Date:	
September. 2025	
5. Available Attendance Forms:	
Class lectures / Practical exercises (Field work)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 / 2	
7. Course administrator's name (mention all, if more than one name)	
Name: Sattar Matrood Isawi Email: s.isawi@campus.tu-berlin.de	
8. Course Objectives	
Course Objectives	• Understand the fundamental principles and concepts of surveying in the context of architectural engineering. • Develop proficiency in using surveying instruments and equipment, including total stations, theodolites, and levels. • Demonstrate the ability to conduct accurate and precise measurements of distances, angles, and elevations using various surveying techniques. • Apply trigonometric and geometric principles to solve surveying problems related to architectural engineering, such as determining heights, slopes, and areas. • Interpret and analyze survey data, including maps, plans, and field notes, to extract relevant information for architectural design and constructions.

9. Teaching and Learning Strategies	
Strategy	• Explanation and clarification using class lectures. • Presentations, site photos and videos. • Field work and Tutorials hours. • Reading and self-learning. • Homework. • Short Assignment (quizzes). • Interaction during lectures • Practicing the examples, home-works, and reports. • Tutorials and discussions. • Mid-term and final exams.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First	3	Fundamental principles and concepts of surveying	Introduction and basics	Lecture notes and Presentation	Interaction and communication
Second	3	Role of surveying in the design and construction process. Units; conversions; scales and coordinate systems in surveying	Introduction and basics	Lecture notes and Presentation	Interaction and communication
Third	3	Units; conversions; scales and coordinate systems in surveying	Solved problems	Lecture notes and Presentation	Interaction and communication
Fourth	3	Basic measurements in surveying	Principles of surveying	Lecture notes and Presentation	Interaction and communication
Fifth	3	Types of distance measurements	Principles of surveying	Lecture notes and Presentation	Interaction and communication
Sixth	3	Distance measurement using measuring tape	Construction Surveys	Lecture notes, Practical field work	Exercise report
Seventh	3	Making maps using tape survey	Construction Surveys	Lecture notes, Practical field work	Exercise report
Eighth	3	Layout of building lines	Construction Surveys	Lecture notes, Practical field work	Exercise report
Ninth	3	Leveling methods, benchmarking, differential leveling, and	Leveling	Lecture notes and Presentation	Interaction and communication

		Leveling tasks in construction			
Tenth	3	Sources of errors in levelling and how to correct for errors in the measurement	Leveling	Lecture notes and Presentation	Interaction and communication
Eleventh	3	Setting up and adjustment of level instrument, measuring points elevation	Basic surveying instruments. (Level instrument)	Lecture notes, Practical field work	Exercise report
Twelfth	3	Total station instruments and their applications in constructions	Basic surveying instruments. (Total station)	Lecture notes and Presentation	Interaction and communication
Thirteenth	3	Setting up and adjustment of total station instrument, Topographic survey	Basic surveying instruments. (Total station)	Lecture notes, Practical field work	Exercise report
Fourteenth	3	Areas and volumes computation for regular and irregular shapes	Areas and volumes computation	Lecture notes and Presentation	Interaction and communication
Fifteenth	3	Fundamental principles of Geographic Information System (GIS)	Geographic Information System (GIS)	Lecture notes and Presentation	Interaction and communication

11. Course Evaluation	
10% Quiz/homework 20% Practical exercises (weekly Field work) 15% Mid-term exam 10% Practical final exam 45% Final exam	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	Chandra, A. N. (2006). Plane Surveying 2nd edition, New Age International Limited: New Delhi, India.
Recommended books and references (scientific journals, reports ...)	“Surveying for Engineers" by J. Uren and W.F. Price (Year: 2014)
Electronic References, Websites	All relevant websites

Course Description Form

1. Course Name:	
Principle Urban Planning	
2. Course Code:	
ARE313	
3. Semester / Year:	
2025/9/1	
4. Description Preparation Date:	
Stage 3	
5. Available Attendance Forms:	
Presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30/2	
7. Course administrator's name (mention all, if more than one name)	
Name:Dr.Alwaleed K. Al-baaj Email: alwaleed.al-baaj@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	The lesson aims to address the problems that appear in contemporary cities, and explain the reasons that led to this, and to present recommendations for the solutions that would reduce the burden of problems on urban residents, as well as to familiarize students with many theories of city planning, and to introduce students to the land uses of cities and the criteria for the areas of those land uses.
9. Teaching and Learning Strategies	
Strategy	1. . Conducting field studies to analyze the existing problems of cities 2. Giving a role to the student to present proposals to find solutions to the problems that cities suffer from 3. Prepare reports for each student explaining his perception of the problems he suffers from within his urban environment, and provide recommendations for solutions according to his scientific vision.

	4. Students are present in a virtual space through exploratory films, whether from the Internet or tourist visits from the students themselves - applying the idea of virtual education in real reality 5. Theoretical knowledge is reinforced through field visits to the city of Basra and even at the level of other cities. 6. Preparing explanatory means in the form of power points programs and sheets for the model that is analyzed by the students as a photo or video report that approaches reality

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	introduction	planning, urban planning	Show projects + Discussion	power point show
2-4	6	Theories of cities planning	Theories of world planner	Show projects + Discussion	power point show
5	2	Planning the Arab Islamic cities	Features of Arab Islamic cities Planning	Show projects + Discussion	power point show
6	2	The problems of contemporary cities +(Quizzes)	Cities problems	Show projects + Discussion	power point show
7	2	Study of population	The importance of population studies for city planning	Show projects + Discussion	power point show
8	2	Land use study	Definition of land use - Factors affecting the distribution of land use	Show projects + Discussion	power point show
9	2	Housing in contemporary cities	Housing crisis, its negative impact and causes	Show projects + Discussion	power point show

10	2	Commercial land use - Midterm Exam	Commercial land uses and ways of distributing them within cities	Show projects + Discussion	power point show
11	2	Industrial land use	Industrial land use , and requirements and their impact within the general master plan of cities	Show projects + Discussion	power point show
12	2	Pollution in cities- (Quizzes)	Pollution in cities types and causes	Show projects + Discussion	power point show
13	2	Services in cities	Urban infrastructure services	Show projects + Discussion	power point show
14	2	Transportation planning– (report)	Transportation planning methods	Show projects + Discussion	power point show
15	2	Planning of Smart cities and Digital, technology cities	City planning using advanced and smart methods	Show projects + Discussion	power point show

11. Course Evaluation	
Distributing the score out of 100 according to the projects display , day sketches	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	Urban planning books
Electronic References, Websites	Any website related with module

Course Description Form

1. Course Name:
Exterior Spaces Design
2. Course Code:
ARE421
3. Semester / Year:
Second Semester / Fourth Year
4. Description Preparation Date:
2024-2025 / (1-9-2025)
5. Available Attendance Forms:
Presence
6. Number of Credit Hours (Total) / Number of Units (Total)
45 Hours / 2 Units
7. Course administrator's name (mention all, if more than one name)
Mahdi Yassin Fakhir Jafar mahdi.fakhir@uobasrah.edu.iq
8. Course Objectives

Course Objectives	1- Introducing students to the most specialized aspects of design in outer space at the level of design-oriented thought and the level of human perception of open outer space. 2- Formulating a mental ability to understand the cultural and artistic intellectual trends, especially those intertwined with industrial design, craft production, materials, and those intertwined with the artistic thought of external design, service systems, external lighting, pieces of furniture, and others. 3- Documenting and expanding the students' imagination and creativity at the intellectual levels, and using the basic external design elements in shape, color, lighting, furniture, materials, etc., and their role in focusing on the realistic aspects. 4- Expanding the circle of knowledge about aspects of man's sensory perception and acceptance of the open outer space surrounding him and human variables at the level of individuals and societies.

9. Teaching and Learning Strategies	
Strategy	1- Theoretical lectures supported by visual means of presentation and demonstration, scientific documentaries. 2- Creative idea (Discussion, Analysis and criticism of design ideas individually or collectively) 3- Interaction within the lesson through participation and group discussions 4- Periodic submission of practical projects in the lesson 5- Quick tests (Sketch Design) complementary to the two practical projects. 6- Visits to selected design sites to combine reality and theorizing. 7- Methodological reports that allow expanding and taking into account multiple topics related to external spaces. 8- Quarterly and final examinations of theoretical subjects

10. Course Structure / (Weekly Syllabus)& (Weekly Practical Syllabus)

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Week 1-2	6	The nature of Exterior Spaces, space design principles, location and its components, idea construction, sources, reports. - Definition of the project, its purpose, beneficiary, location. - Studies on the project.	**Introductory lecture** **The first practical project:**	Show projects + Discussion	power point show
Week 3-4	6	Coordination of urban spaces, complements of urban space, vocabulary (elements) of coordination of urban space. - Concept. - First prelim.	**Manifestations of space formations:**	Show projects + Discussion	power point show

Week 5-6	6	Structural components in the space and garden landscape. Pre final.	Sketch design 1.	Show projects + Discussion	power point show
Week 7-8	6	Plants and rocks in the garden landscape. Definition of the project, its purpose, beneficiary, location.	**Final presentation.** **The second practical project:**	Show projects + Discussion	power point show
Week 9-10	6	The water element of the garden landscape. - Studies on the project. - Concept.		Show projects + Discussion	power point show
Week 11-12	6	Antiquity, Renaissance, classical era,modern and contemporary. - First prelim. - Second prelim.	**The evolution of the garden landscape throughout history:**	Show projects + Discussion	power point show
Week 13-14	6	Islamic parks and spaces (local, Arab, regional). Pre final.	**The garden scene in Islamic thought:** **Sketch design 2.**	Show projects + Discussion	power point show
Week 15	3	Discussion of reports.	**Final presentation.**	Show projects + Discussion	power point show

11. Course Evaluation

Distributing the score out of 100 according to the projects display , day sketches	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	1- Visualization in Landscape and Environmental Planning, Technology and Applications/ Ian D.Bishop and Eckart Lange. 2- From Concept to Form in Landscape Design/ Grant W. Reed 3- Foundations of Landscape Architecture, Integrating Form and Space Ueing the Landscape of Site Design/ Norman K. Booth.
Electronic References, Websites	

Course Description Form

1. Course Name:	
Interior Design	
2. Course Code:	
ARE411	
3. Semester / Year:	
First Semester / Fourth Year	
4. Description Preparation Date:	
2024-2025 / (1-9-2025)	
5. Available Attendance Forms:	
Presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 Hours / 2 Units	
7. Course administrator's name (mention all, if more than one name)	
Mahdi Yassin Fakhir Jafar mahdi.fakhir@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	1. The ability to introduce students to the most specialized design aspects of the interior space at the level of design-oriented thought and the level of human sensory perception of space. 2. Develop a mental ability to understand cultural and artistic intellectual orientations, especially those that overlap with industrial design, craft production, materials, and those that overlap with the artistic thought of interior design, service systems, lighting, acoustics, heating, cooling, furniture pieces, and others. 3. Documenting and expanding students ' imagination and creativity at the intellectual levels and using basic interior design elements in shape, color, lighting, furniture, and their role in focusing on realistic aspects.

	Expanding the circle of knowledge of aspects of human sensory perception and acceptance of the surrounding space inside and human variables at the level of individuals and communities.
9. Teaching and Learning Strategies	
Strategy	1- Theoretical lectures supported by visual means of presentation and demonstration, scientific documentaries. 2- Creative idea (Discussion, Analysis and criticism of design ideas individually or collectively) 3- Interaction within the lesson through participation and group discussions 4- Periodic submission of practical projects in the lesson 5- Quick tests (Sketch Design) complementary to the two practical projects. 6- Visits to selected design sites to combine reality and theorizing. 7- Methodological reports that allow expanding and taking into account multiple topics related to external spaces. 8- Quarterly and final examinations of theoretical subjects

10. Course Structure / (Weekly Syllabus)& (Weekly Practical Syllabus)

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Week 1	3	(Development of the concept of interior space and Interior Environment). Definition of the project, its purpose, beneficiary, location.	**Introduction to interior design** **The first practical project:**	Discussion	power point show
Week 2	3	(psychological, physical, and aesthetic requirements).	**Requirements for the internal environment**:	Show projects + Discussion	power point show

		Studies on the project.			
Week 3-6	12	A lecture about how to enable the building to secure the required need and benefit. This lecture is followed by a series of the following lectures: - Operational function - Environmental function Symbolic function - Concept. - First prelim. - Pre final.	**Function and interior design:** **Sketch design 1.**	Show projects + Discussion	power point show
Week 7	3	A lecture on how to organize the design elements of the interior space according to spatial and visual patterns	**Interior design elements**: **Final presentation.**	Show projects + Discussion	power point show
Week 8	3	Styles of interior space design Definition of the project, its purpose, beneficiary, location.	**The second practical project:**	Show projects + Discussion	power point show
Week 9	3	Movement in internal spaces (their shape, size, pattern)		Show projects + Discussio	power point show

		Studies on the project.		n	
Week 10	3	Methods of assembling interior design elements Concept.		Show projects + Discussion	power point show
Week 11	3	Horizontal and vertical delimiters of internal spaces First prelim.		Show projects + Discussion	power point show
Week 12	3	Completion of the previous lecture and guidance of students on the topics of the methodological report Second prelim.		Show projects + Discussion	power point show
Week 13	3	Systems of internal space (how to make use of lighting systems, acoustics, colors, furniture, heating and cooling .. Etc.)	**Sketch design 2.**	Show projects + Discussion	power point show
Week 14	3	Applying the potential of contemporary architecture in interior design. Pre final.		Show projects + Discussion	power point show

Week 15	3	Discussion of methodological reports	**Final presentation.**	Show projects + Discussion	power point show

11. Course Evaluation	
Distributing the score out of 100 according to the projects display , day sketches	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	A. B. Interior Design/ Namir Qasim Khalaf, 2005
Electronic References, Websites	

Course Description Form

1. Course Name:
Sustainable Architecture
2. Course Code:
ARE426
3. Semester / Year:
2025/9/1
4. Description Preparation Date:
Stage 4
5. Available Attendance Forms:
Presence
6. Number of Credit Hours (Total) / Number of Units (Total)
30/2
7. Course administrator's name (mention all, if more than one name)
Name:Dr.Alwaleed K. Al-baaj Email: alwaleed.al-baaj@uobasrah.edu.iq

8. Course Objectives	
Course Objectives	The modern topic aims to introduce the student to trends in design through sustainability trends in architecture, knowledge buildings and development, and to identify concepts (development, green architecture, sustainable design, applications, etc.) that have received growing attention for thousands of years in economic development issues in the field of infrastructure protection, reducing energy consumption, natural exploitation of natural resources and greater reliance on energy sources.

9. Teaching and Learning Strategies	
Strategy	1. 1. Addressing sustainability concepts and design strategies that achieve sustainability goals in architecture. 2. 2. Introducing students to global and local sustainability standards. 3. 3. Preparing reports by students presenting selected examples of buildings with sustainable design.

	4. 4. Preparing illustrative materials in the form of PowerPoint presentations and models of sustainable design methods.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Definitions of the concept of sustainability, sustainable development and the conditions that led to the emergence of the idea of sustainable development, requirements and foundations of sustainable development, its components, and its goals	Sustainability concepts	Show projects + Discussion	power point show
2	2	The concept of sustainability in architecture and its connection to the design aspect - Definitions of sustainable architecture - Conceptual development of sustainable architecture - Civilizational and philosophical dimension of sustainable architecture	Sustainable Architecture	Show projects + Discussion	power point show
3	2	Green architecture and its implementation conditions	Green architecture	Show projects + Discussion	power point show
4	2	Characteristics of Islamic architecture and sustainability, heritage and its impact on sustainable architecture	Cities problems	Show projects + Discussion	power point show
5	2	Intellectual development of sustainable urbanism	The importance of population studies for city planning	Show projects + Discussion	power point show

6	2	Sustainability criteria and their application in buildings	Sustainability criteria	Show projects + Discussion	power point show
7	2	Sustainable design and the environment and its impact on the city's environment	Sustainable design strategies	Show projects + Discussion	power point show
8	2	Sustainable Architecture Design Strategies	Sustainable architecture strategies	Show projects + Discussion	power point show
9	2	Urban Sustainability	Sustainability and the City	Show projects + Discussion	power point show
10	2	Discussing reports prepared by students within the sustainable architecture vocabulary	Discussing	Show reports + Discussion	power point show
11	2	Discussing reports prepared by students within the sustainable architecture vocabulary	Discussing	Show reports + Discussion	power point show
12	2	Discussing reports prepared by students within the sustainable architecture vocabulary	Discussing	Show reports + Discussion	power point show
13	2	Discussing reports prepared by students within the sustainable architecture vocabulary	Discussing	Show reports + Discussion	power point show

11. Course Evaluation	
Distributing the score out of 100 according to the projects display , day sketches	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	sustainable books

Electronic References, Websites	Any website related with module

Course Description Form

1. Course Name:
Islamic Architecture
2. Course Code:
ARE422
3. Semester / Year:
2nd courses
4. Description Preparation Date:
9/9/2025
5. Available Attendance Forms:
Personal Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
30 Hours/2 units
7. Course administrator's name (mention all, if more than one name)
Name: Assist.Prof. Riyam Rajab Fenjan Al-Amara Email: riyam.rajab@uobasrah.edu.iq
8. Course Objectives

Course Objectives	• Comprehensive Study of Islamic Architecture: History, Evolution, Social-Political Influence, Heritage Patterns, and Urban Planning Principles • The aim of this approach is to provide a comprehensive overview of the landmarks of Islamic architecture, its elements, the most important Islamic architectural buildings in the world, and their types • Exploring the symbolic aspects of Islamic architecture as an innovative and continuous tradition. However, in recent times, Westernization has begun to disrupt the continuity of Islamic architecture, sometimes causing it to lose its intellectual identity and become expressive of form rather than substance. Therefore, there is a need for a design approach that stems from the foundations of the Islamic method and addresses the contemporary context.

9. Teaching and Learning Strategies

Strategy	• Short exams • Household duties. • Quarterly and final examinations of theoretical subjects. • Small research within the lesson. • Interaction within the lecture.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st week	2hours	The concept of Islamic architecture	The concept of Islamic architecture between Orientalism and the trends of Arab theorists	Explanation and discussion with students	PowerPoint presentation
2nd 3rd weeks	4hours	Characteristics of Islamic architecture	Centrality, orientation inward, rhythm	Explanation and discussion with students	PowerPoint presentation
4th 5th weeks	4hours	Mosque architecture	The concept of style, types of Islamic styles according to mosque models	Explanation and discussion with students	PowerPoint presentation
6th week	2hours	Mosque components	It includes offering basic components of mosques, domes, minarets, courtyards, and components attached to mosques.	Explanation and discussion with students	PowerPoint presentation
7th week	2hours	Architecture of palaces and emir·a houses	Comparison, characteristics and advantages, models defining architecture	Explanation and discussion with students	PowerPoint presentation
8th 9th weeks	2hours	Architecture of schools and shrines	Comparison, characteristics and advantages, models defining architecture	Explanation and discussion with students	PowerPoint presentation
10th week	2hours	Architecture of markets and Khan	Comparison, characteristics and advantages, models defining architecture	Explanation and discussion with students	PowerPoint presentation
11th week	2hours	Arab-Islamic housing architecture	Comparison, characteristics and advantages, models defining architecture	Explanation and discussion with students	PowerPoint presentation

12th week	2hours	Planning of the Arab Islamic city	The concept of urbanization, the reasons for the establishment of cities, types and features of city planning patterns	Explanation and discussion with students	PowerPoint presentation
13th week	2hours	Military architecture	Planning and designing castles, forts	Explanation and discussion with students	PowerPoint presentation
14th 15th weeks	4hours	Discuss reports	View the full report and provide a summary	Explanation and discussion with students	PowerPoint presentation

11. Course Evaluation
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	- The role of liberation and correlation in the interpretation of architectural product/Islamic buildings as a model - The role of liberation and correlation in the interpretation of architectural product/Islamic buildings as a model
Recommended books and references (scientific journals, reports ...)	- Islamic Architecture and Monuments - Ahmed Al-Sarraj - History of Islamic Architecture Through the Ages-Kabela Al-malki
Electronic References, Websites	

Course Description Form

1. Course Name:	
Architectural theory I	
2. Course Code:	
ARE413	
3. Semester / Year:	
1st courses	
4. Description Preparation Date:	
9/9/2025	
5. Available Attendance Forms:	
Personal Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 Hours/2 units	
7. Course administrator's name (mention all, if more than one name)	
Name: Assist.prof.: Riyam Rajab Fanjan Al-Amara Email: riyam.rajab@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	• Taste and understand the works of classical, modern and postmodern architecture • Knowledge of the most important features and characteristics of each movement and the most important aspects emphasized by each of them • Analysis of the architectural works of the most important pioneers of each movement to diagnose the lines of similarity and difference between them by what the student knows the general framework on which each of them moves
9. Teaching and Learning Strategies	
Strategy	• Short exams • Household duties.

	• Quarterly and final examinations of theoretical subjects. • Small research within the lesson. • Interaction within the lecture.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st week	2hours	Dealing with the historical connection of the theory of architecture and its relationship with the intellectual aspects generating it	Concept /levels/types of theory	Explanation and discussion with students	PowerPoint presentation
2nd week	2hours	Dealing with the impact and trends of architecture after the advent of the Industrial Revolution (bio-orientation)	Architecture after the Industrial Revolution	Explanation and discussion with students	PowerPoint presentation
3rd week	2hours	Addressing the impact and trends of architecture after the advent of the industrial revolution (Creative Direction)	Architecture after the Industrial Revolution	Explanation and discussion with students	PowerPoint presentation
4th week	2hours	Avant-garde movements in architecture	Explaining the art deco movement /products, architects and intellectual trends	Explanation and discussion with students	PowerPoint presentation
5th week	2hours	Avant-garde movements in architecture	- Explanation of the De Stijl movement /products, architects and intellectual orientations	Explanation and discussion with students	PowerPoint presentation
6th week	2hours	Avant-garde movements in architecture	- Trends of Cubism / explain the futurist and expressionist movement in architecture in terms of intellectual and design trends	Explanation and discussion with students	PowerPoint presentation
7th week	2hours	Modernist architecture	The importance of the World Congress of architecture (Siam) and the impact on drawing	Explanation and discussion with students	PowerPoint presentation

			the lines of modern architecture		
8th week	2hours	Modernist architecture	Directions of functional architecture, concepts, characteristics and features, architects	Explanation and discussion with students	PowerPoint presentation
9th week	2hours	Modernist architecture	Orientations of organic architecture, concepts, characteristics, features, architects-designers.	Explanation and discussion with students	PowerPoint presentation
10th week	2hours	Modernist architecture	Directions of the Bauhaus school, concepts, characteristics and features, architects-designers.	Explanation and discussion with students	PowerPoint presentation
11th week	2hours	Modernist architecture	Directions of Brutalist architecture, concepts, characteristics and features, architects-designers.	Explanation and discussion with students	PowerPoint presentation
12th week	2hours	Trends of late modernism	Explain the most important intellectual transitions from modernity to late modernity, and their impact in opening horizons for entry into postmodern architecture	Explanation and discussion with students	PowerPoint presentation
13th week	2hours	Trends of late modernism	Directions of the Archigram movement, concepts, characteristics and features, and the most important design models for it	Explanation and discussion with students	PowerPoint presentation
14th week	2hours	Trends of late modernism	Trends of the metabolism movement, concepts, characteristics and features, and the most important design models for it	Explanation and discussion with students	PowerPoint presentation
15th week	2hours	Discussion of reports	Reports for students, which include the presentation of a dedicated topic within the axes of the lectures offered	Explanation and discussion with students	PowerPoint presentation

11. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports ...)	Theories of architecture: Revolting and drafting for a contemporary architectural compass (architecture between 1954-now)/ Amjad Almusaed
Electronic References, Websites	