



جامعة أم القرى
UMM AL-QURA UNIVERSITY

A Comparison between

Plan 44 and 47

**ARCHITECTURE & PLANNING
PROGRAMME**



جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Architecture
Department of Architecture

A Comparison between
Plan 44 and 47
Architecture & Planning
Programme

2025

Preface

Throughout history, architecture and planning have reflected cultural and civilizational development. Today, architects, urban designers, and planners address urban issues by taking responsibility for the built environment and responding to the increased demand for natural resources. To achieve the needs of the labor market and the goals of the Kingdom's Vision 2030, including improving the urban environment in Saudi Arabian cities, accommodating more pilgrims and Umrah pilgrims, and establishing the Kingdom as the best destination for living, the Architecture and Planning Programme (plan 44) was established in the academic year 2022-2023. The program spans five years, with three years dedicated to general architecture and two years specialized in architecture, urban design, and urban planning. The programme focuses on producing successful graduates in architecture, urban design, and planning through a studio-based approach. This is achieved by examining both the past and future to create original work that caters to the needs of society through developing diverse local built environments while maintaining a distinct urban identity framework. The programme's main objective is to cultivate successful graduates in architecture, urban design, and planning by leveraging a studio-based approach. This is accomplished by studying both the past and future to produce innovative works that cater to the needs of society and develop diverse local built environments while maintaining a distinct architectural and urban identity.

#	University	Program	Link	QS ranking
U1	Delft University of Technology	Bachelor of Architecture, Urbanism and Building Sciences		2
U2	University College London (UCL)	BSc Architecture		3
U3	ETH Zurich	Bachelor Architecture		4
U4	National University of Singapore	Bachelor of Arts in Architecture		6
U5	The University of Hong Kong	The Bachelor of Arts in Architectural Studies		14
U6	Technische Universität Berlin (TU Berlin)	BSc Architecture		20
U7	Cornell University	Bachelor of Architecture		23
U8	The University of Sydney	Bachelor of Architecture and Environments		25
U9	Georgia Institute of Technology	BSc in Architecture		26

Benchmarking

Old Programme (Plan 44)

Islamic Architecture Programme
(Trimester)

Architecture

Urban
Design

Urban
Planning

New Programme (Plan 47)

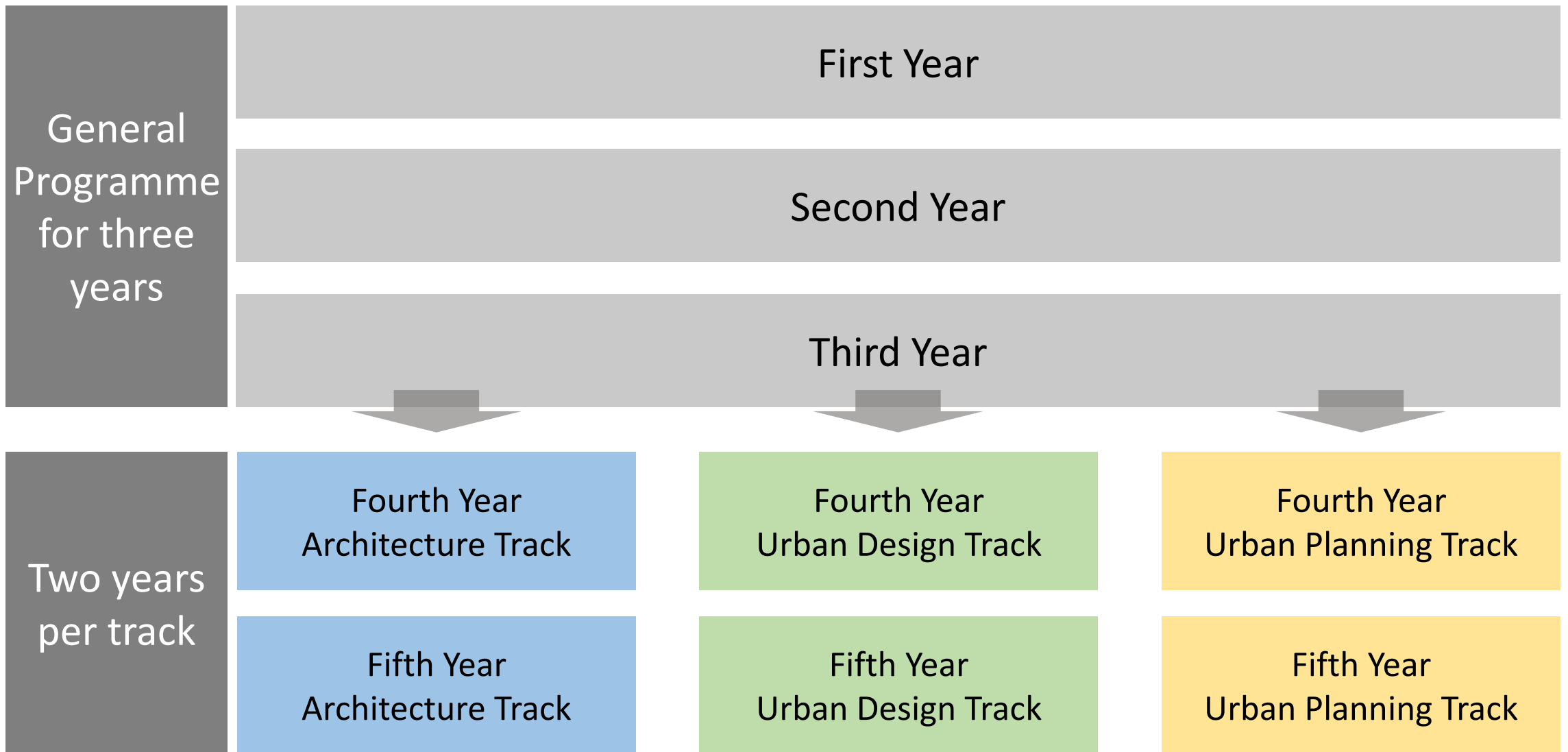
Architecture & Planning Programme
(Semester)

Architecture

Urban
Design

Urban
Planning

Main Concept of **Architecture & Planning Programme** (Plan 44-47)



Distribution of the Three Tracks

Architecture & Planning Programme (P44) (Trimester)

Knowledge and Understanding

K1-a	Explain processes, methods & fundamentals of designing the built environment.
K1-b	Define functional requirements & relationships for different sectors of the built environment.
K1-c	Demonstrate an understanding of the basics of architectural formation.
K1-d	Demonstrate an understanding of various ways of representing the built environment.
K1-e	Demonstrate an understanding of the history of the built environment.
K1-f	Demonstrate an understanding of theories of the built environment.
K1-g	Describe the conservation methods of the built heritage.
K1-h	Explain the impact of different aspects on the built environment.
K1-i	Demonstrate an understanding of the mutual integration between human & the environment.
K1-j	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment.
K1-k	Demonstrate an understanding of wide range of specialized knowledge related to the built environment.
K1-l	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment.
K1-m	Illustrate fundamentals of economics of the built environment sector.
K1-n	Illustrate fundamentals of project management of built environment sector.
K1-o	Demonstrate an understanding of the fine arts as an influence on the quality of the design.
K2-a	Differentiate between various types of building materials, building technologies & structural systems.
K2-b	.Demonstrate an understanding of various types of infrastructure systems
K2-c	Demonstrate an understanding of technical installations in buildings.
K2-d	Explain the nature of construction industry.
K3-a	Identify the professional ethics & responsibilities related to the built environment.
K3-b	.Identify the relevant laws, rules & legislations that regulate the built environment
K4-a	.Demonstrate an understanding of mathematical concepts relevant to the built environment
K4-b	.Demonstrate an understanding of engineering concepts relevant to the built environment

Architecture & Planning Programme (P47) (Semester)

K1-a	Explain processes, methods and fundamentals of designing the built environment.
K1-b	Define functional requirements and relationships for different sectors of the built environment.
K1-c	Demonstrate an understanding of the basics of architectural formation.
K1-d	Demonstrate an understanding of various ways of representing the built environment.
K1-e	Demonstrate an understanding of the history of the built environment.
K1-f	Demonstrate an understanding of theories of the built environment.
K1-g	Describe the conservation methods of the built heritage.
K1-h	Explain the impact of different aspects on the built environment.
K1-i	Demonstrate an understanding of the mutual integration between human and the environment.
K1-j	Demonstrate a clear understanding of how to achieve a sustainable built environment.
K1-k	Demonstrate an understanding of a wide range of advanced knowledge related to the built environment.
K1-l	Demonstrate an understanding of the required knowledge to use software in designing the built environment.
K1-m	Illustrate fundamentals of economics of the built environment sector.
K1-n	Demonstrate an understanding of the fundamentals of project management.
K1-o	Demonstrate an understanding of the visual arts.
K2-a	Demonstrate an understanding of building materials and structure systems.
K2-b	.Demonstrate an understanding of various types of infrastructure systems
K2-c	Demonstrate an understanding of technical installations in buildings.
K2-d	Demonstrate an understanding of the construction process.
K3-a	Demonstrate an understanding of professional ethics and responsibilities.
K3-b	.Identify the relevant laws, rules and legislations that regulate the built environment
K4-a	.Demonstrate an understanding of mathematical concepts relevant to the built environment
K5-a	Demonstrate an understanding of research and inquiry methodologies.

Course Learning Outcomes, CLOs (Knowledge and Understanding)

Architecture & Planning Programme (P44) (Trimester)

Skills	
S1-a	Make design decisions considering user requirements & various environmental impacts.
S1-b	Solve complicated problems associated with the built environment.
S1-c	Create innovative concepts & forms for the built environment.
S1-d	Apply the knowledge of theories & methods of designing the built environment.
S1-e	Apply the knowledge of bearing structure & materials selection.
S1-f	Apply the knowledge of historical, social & cultural references in the design of the built environment.
S1-g	Apply the knowledge of professional & regulatory requirements.
S1-h	Apply the knowledge of built environment economics.
S1-i	Apply the knowledge of project management.
S1-j	Effectively employ digital skills in different stages of designing the built environment.
S1-k	Apply various means to achieve sustainable built environment.
S1-l	Apply various conservation methods to preserve the built heritage.
	Analyze the Islamic values & its impact on the formation of the human & built environment at multiple scales.
S2-a	
S3-a	Independently seek information & use it appropriately.
S3-b	Analyze data from a variety of sources.
S3-c	Formulate results of different experiments.
S4-a	Employ manual skills to develop & present projects.
S4-b	Execute physical models efficiently.
S4-c	Perform drawings efficiently & accurately.
S5-a	Communicate effectively with others.
S5-b	Utilize computer programs effectively in communication.

Architecture & Planning Programme (P47) (Semester)

Skills	
S1-a	Make design decisions considering user requirements and various environmental impacts.
S1-b	Solve complicated problems associated with the built environment.
S1-c	Create innovative concepts and forms for the built environment.
S1-d	Apply the theories and methods of designing the built environment.
S1-e	Apply knowledge of structural systems and materials selection.
S1-f	Integrate historical, social, and cultural references into the design of the built environment.
S1-g	Apply professional and regulatory standards.
S1-h	Apply the economic principles affecting the built environment.
S1-i	Utilize project management knowledge.
S1-j	Utilize diverse means to achieve a sustainable built environment.
S1-k	Apply various conservation methods to preserve the built heritage.
S1-l	Analyze factors shaping and influencing the built environment.
S2-a	Analyze the Islamic values that shape human and built environments.
S3-a	Independently seek knowledge and use it appropriately.
S3-b	Analyze data from multiple sources.
S3-c	Formulate results of different experiments.
S4-a	Utilize manual skills to effectively develop and present projects.
S4-b	Efficiently construct physical models.
S4-c	Create drawings with efficiency and precision.
S5-a	Effectively engage in communication with others.
S5-b	Effectively apply digital skills to enhance communication.
S6-a	Effectively use digital skills throughout the design process of the built environment.
S7-a	Use mathematical operations and quantitative methods to process data and information.
S8-a	Carry out complex practical tasks and procedures related to the professional practice.

Course Learning Outcomes, CLOs (Skills)

Architecture & Planning Programme (P44) (Trimester)

Values, autonomy & responsibility

V1-a	Demonstrate self-discipline & punctuality.
V1-b	Demonstrate respect to different points of view.
V1-c	Demonstrate commitment to ethics; & professional & academic values.
V2-a	Actively participate in finding effective solutions to various issues related to the built environment.
V2-b	Demonstrate responsibility for self-learning & continuing personal & professional development.
V2-c	Work collaboratively & constructively, & lead diverse teams to perform a wide range of tasks with responsibility.
V2-d	Demonstrate persistence on achievement & distinction.
V2-e	Complete tasks under pressure & within the expected time frame.

Architecture & Planning Programme (P47) (Semester)

Values, autonomy & responsibility

V1-a	Demonstrate self-discipline and punctuality.
V1-b	Demonstrate respect to different points of view.
V1-c	Demonstrate commitment to honesty and academic integrity.
V2-a	Manage and complete tasks efficiently under pressure and within deadlines.
V2-b	Demonstrate responsibility for self-learning and ongoing development.
V2-c	Collaborate effectively and lead diverse teams to complete tasks responsibly and constructively.
V2-d	Demonstrate persistence on achievement and distinction.
V3-a	Contribute actively to addressing challenges related to the built environment.

Course Learning Outcomes, CLOs (Values, , Autonomy, and Responsibility)

Architecture & Planning Programme (P44)
(Trimester)

10 Weeks per Semester + 2 weeks for exams

255
Credit Hours

34 General Courses (Architecture)*

6 Basic Science and Engineering Courses*

28 Architecture Track Courses*

28 Urban Design Track Courses*

28 Urban Planning Track Courses*

5 Elective Courses*

1 One-term Cooperative Training



Architecture & Planning Programme (P47)
(Semester)

15 Weeks per Semester + 2 weeks for exams

168
Credit Hours

30 General Architecture Courses *

2 Basic Science Courses*

16 Architecture Track Courses*

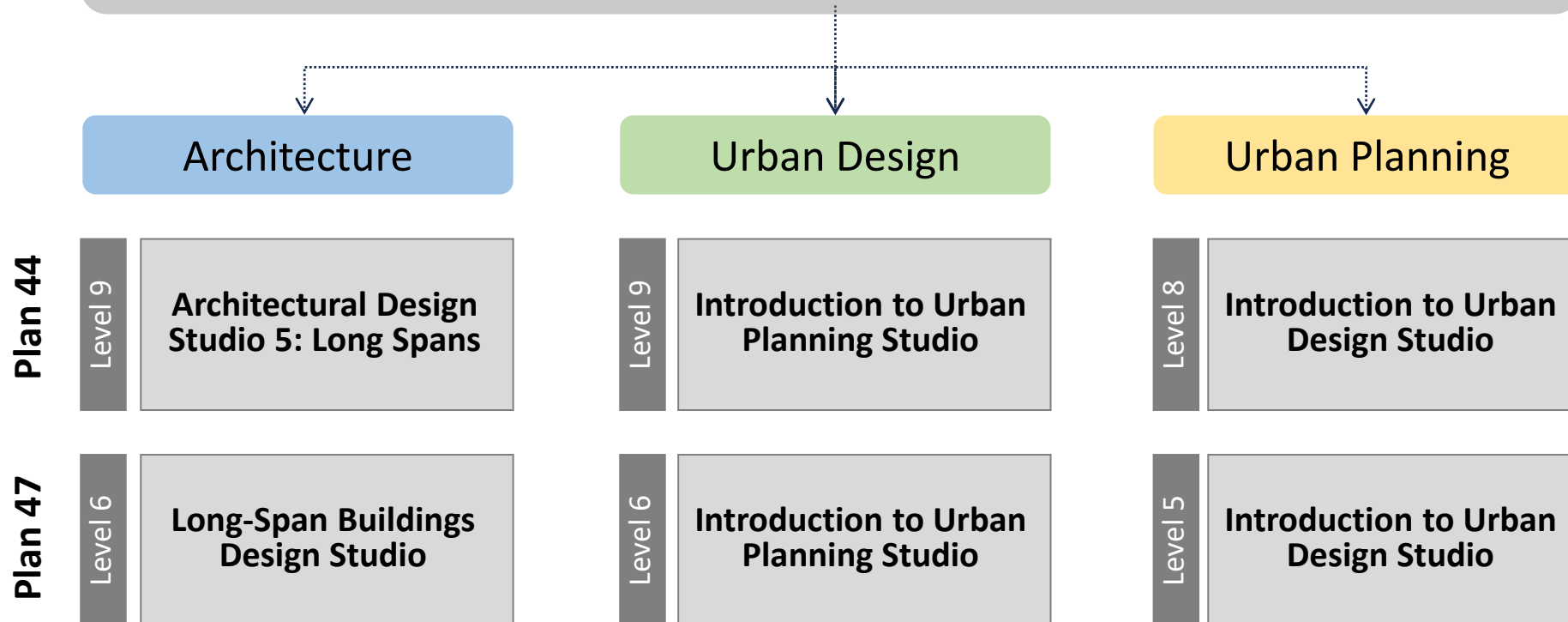
16 Urban Design Track Courses*

16 Urban Planning Track Courses*

3 Elective Courses*

A summer and one-term Cooperative Training

Architecture & Planning Programme Plan 44 and 47



Reference courses based on which students are accepted in the various tracks, in addition to the GPA.

Architecture & Planning Program (P44)- Architecture Track

1 st Year	Architectural Formation Principles Studio 1	Architectural Formation Principles Studio 2	Fundamental Design Principles Studio
2 nd Year	Architectural Design Studio 1: Small Scale Public Buildings	Architectural Design Studio 2: Medium Scale Public Buildings	Architectural Design Studio 3: Vernacular Architecture
3 rd Year	Architectural Design Studio 4: Conventional Structure Systems	Architectural Design Studio 5: Long Spans	Architecture Track ▼
4 th Year	Architectural Design Studio 6: Sustainable Buildings	Architectural Design Studio 7: Mixed-Use Buildings	
5 th year	Architectural Design Studio 9: Professional Practice	Graduation Project Studio 1: Architecture	Graduation Project Studio 2: Architecture

Architecture & Planning Program (P47)- Architecture Track

Architectural Formation Principles Studio	Fundamental Design Principles Studio	
Small Public Buildings Design Studio	Vernacular Architecture Design Studio	
Sustainable Design Studio	Long-Span Buildings Design Studio	Architecture Track ▼
Heritage Buildings Conservation Studio	Professional Practice Studio	+ Integrated Architectural Design Studio 1
	Integrated Architectural Design Studio 2	

Main Architectural Design Studios Distribution (Architecture Track)

Architecture & Planning Program (P44)- Urban Design Track

1 st Year	Architectural Formation Principles Studio 1	Architectural Formation Principles Studio 2	Fundamental Design Principles Studio
2 nd Year	Architectural Design Studio 1: Small Scale Public Buildings	Architectural Design Studio 2: Medium Scale Public Buildings	Architectural Design Studio 3: Vernacular Architecture
3 rd Year	Architectural Design Studio 4: Conventional Structure Systems	Architectural Design Studio 5: Long Spans	Urban Design Track ▼
4 th Year	Urban Design Studio 1: Existing Areas Development	Urban Design Studio 2: New Areas Development	
5 th year	Urban Design Studio 4: Urban Heritage Conservation	Graduation Project Studio 1: Integrated Urban Design	Graduation Project Studio 2: Integrated Urban Design

Architecture & Planning Program (P47)- Urban Design Track

Architectural Formation Principles Studio	Fundamental Design Principles Studio	
Small Public Buildings Design Studio	Vernacular Architecture Design Studio	
Sustainable Design Studio	Long-Span Buildings Design Studio	Urban Design Track ▼
New Areas Urban Design Studio	Existing Areas Urban Design Studio	
	Integrated Urban Design Studio 2	

Main Urban Design Studios Distribution (Urban Design Track)

Architecture & Planning Program (P44)- Urban Planning Track

1 st Year	Architectural Formation Principles Studio 1	Architectural Formation Principles Studio 2	Fundamental Design Principles Studio
2 nd Year	Architectural Design Studio 1: Small Scale Public Buildings	Architectural Design Studio 2: Medium Scale Public Buildings	Architectural Design Studio 3: Vernacular Architecture
3 rd Year	Architectural Design Studio 4: Conventional Structure Systems	Architectural Design Studio 5: Long Spans	
4 th Year	Urban Planning Studio 1: Neighbourhood	Urban Planning Studio 2: Residential District	Urban Planning Studio 3: New City
5 th year	Urban Planning Studio 4: Regional Planning	Graduation Project Studio 1: Urban Planning	Graduation Project Studio 2: Urban Planning

Urban Planning Track

Architecture & Planning Program (P47)- Urban Planning Track

Architectural Formation Principles Studio	Fundamental Design Principles Studio	
Small Public Buildings Design Studio	Vernacular Architecture Design Studio	
Sustainable Design Studio	Long-Span Buildings Design Studio	
New City Urban Planning Studio	Existing City Development Studio	Integrated Urban Planning Studio 1
	Integrated Urban Planning Studio 2	

Urban Planning Track

Main Urban Planning Studios Distribution (Urban Design Track)

Architecture & Planning Program (P44)- Architecture Track

1 st Year			
2 nd Year	Building Construction Studio 1: Site Preparation	Building Construction Studio 2: Components of Building Structure	Building Construction Studio 3: Components of Building Structure
3 rd Year	Building Construction Studio 4: Technical Drawings	Building Construction Studio 5: Finishes	Architecture Track
4 th Year	Execution Design Studio of Residential Buildings	Execution Design Studio of Public Buildings	Execution Design Studio of Blow-Ups Detailing
5 th year			

Architecture & Planning Program (P47)- Architecture Track

Building Construction Studio 1	Building Construction Studio 2	
Building Construction Studio 3	Building Construction Studio 4	Architecture Track
Working Drawings Studio 1	Working Drawings Studio 2	

Building Construction & Execution Design Courses

Architecture & Planning Program (P44)- Architecture Track

1 st Year			
2 nd Year	Vector-based Drawing	3D Modeling	Creative Generative-Design
3 rd Year			Architecture Track
4 th Year	Environmental Simulation	Digital Fabrication & Prototyping	
5 th year	Computer-Based Architectural Project Management 1	Computer-Based Architectural Project Management 2	

Architecture & Planning Program (P47)- Architecture Track

		Vector-based Drawing	
	3D Modeling		
			Architecture Track
	Creative Generative-Design	* Elective Course 2	

- * Elective Course 2**
- Photorealistic Rendering Techniques
 - Computer Modeling in Building Construction
 - AI Applications in Architecture
 - Environmental Simulation

Computer Courses (Architecture Track)

Architecture & Planning Program (P44)- Urban Design Track

1 st Year			
2 nd Year	Vector-based Drawing	3D Modeling	Creative Generative-Design
3 rd Year			
4 th Year	Urban Information Systems	Urban Virtual & Augmented Reality	
5 th year			

Urban Design Track



Architecture & Planning Program (P47)- Urban Design Track

		Vector-based Drawing	
	3D Modeling		
	Urban Information Systems		

Urban Design Track



Computer Courses (Urban Design Track)

Architecture & Planning Program (P44)- Urban Planning Track

1 st Year			
2 nd Year	Vector-based Drawing	3D Modeling	Creative Generative-Design
3 rd Year			
4 th Year	Urban Information Systems	Urban Virtual & Augmented Reality	
5 th year			



Architecture & Planning Program (P47)- Urban Planning Track

		Vector-based Drawing	
	3D Modeling		
	Urban Information Systems		

Urban Planning Track

Urban Planning Track

Architecture & Planning Program (P44)- Architecture Track

1st Year	Ancient civilizations & Medieval Architecture	Design Process & Methods	Buildings Design Standards 1
2nd Year	Architecture of Islamic Civilization	Renaissance & Pre-modern Architecture	Principles of Urban Design
3rd Year	Principles of Urban Planning	Sustainable Architecture	
4th Year	Twentieth century Arch. Buildings Design Standards 2 Interior Design	Creativity in Architecture Conservation of Architectural Heritage	Architecture of Mega Structures Applications of the Saudi Building Code in Arch.
5th year	Smart Buildings Biomimetic Arch. Universal Design	Human & Environment Resilient design	Architecture of the Future

Architecture Track

Architecture & Planning Program (P47)- Architecture Track

Ancient Civilizations and Medieval Architecture		
Design Process and Methods		
Buildings Design Standards 1	Architecture of Islamic Civilization Principles of Urban Design	Principles of Landscape Architecture
Renaissance and Pre-modern Architecture Housing Principles of Urban Planning	20th Century and Contemporary Architecture Architectural Research Methods	
Buildings Design Standards 2	Applications of Building Code in Architecture	
	Universal Design Code	

Architecture Track

History & Theories Courses (Architecture Track)

Architecture & Planning Program (P44)- Urban Design Track

1 st Year	Ancient civilizations & Medieval Architecture	Design Process & Methods	Buildings Design Standards 1
2 nd Year	Architecture of Islamic Civilization	Renaissance & Pre-modern Architecture	Principles of Urban Design
3 rd Year	Principles of Urban Planning	Sustainable Architecture	Urban Design Track ▼
4 th Year	Urban Morphology Housing	Advanced studies in Landscape Architecture Introduction to Sustainable Urban Design	
5 th year	Cities Centers Urban Sociology Principles of Urban Mobility	Crowd Management Smart Urban Spaces Urban Wayfinding	Architecture of the Future

Architecture & Planning Program (P47)- Urban Design Track

Ancient Civilizations and Medieval Architecture		
Design Process and Methods		
Buildings Design Standards 1	Architecture of Islamic Civilization Principles of Urban Design	
Renaissance and Pre-modern Architecture Housing Principles of Urban Planning	20th Century and Contemporary Architecture Architectural Research Methods	Urban Design Track ▼
Urban design methodologies and techniques	Sustainable Urban Design	
	Conservation of Heritage Sites Urban Mobility Streetscape	

History & Theories Courses (Urban Design Track)

Architecture & Planning Program (P44)- Urban Design Track

1st Year	Ancient civilizations & Medieval Architecture	Design Process & Methods	Buildings Design Standards 1
2nd Year	Architecture of Islamic Civilization	Renaissance & Pre-modern Architecture	Principles of Urban Design
3rd Year	Principles of Urban Planning	Sustainable Architecture	
4th Year	Urban Planning Theories Advanced studies in Landscape Architecture	Urban Transportation Planning Urban Service Facilities	Regional Planning Cities & Climate Change
5th year	Urban Governance Sustainable Cities Urban Infrastructure	Urban Economics Urban Sociology & Population Smart Cities	Multicriteria Assessment of Urban Development Projects

Urban Planning Track



Architecture & Planning Program (P47)- Urban Planning Track

Ancient Civilizations and Medieval Architecture	
Design Process and Methods	
Buildings Design Standards 1	Architecture of Islamic Civilization
	Principles of Urban Design
Renaissance and Pre-modern Architecture	20th Century and Contemporary Architecture
Housing	
Principles of Urban Planning	Architectural Research Methods
Urban Planning Theories	Sustainable Cities
	Urban Sociology and Population
	Planning of Urban Mobility
	Regional Planning

Urban Planning Track



History & Theories Courses (Urban Planning Track)

Architecture & Planning Program (P44)- Architecture Track

1st Year

One of:

Digital Arch. Photography
Arabic Calligraphy & Ornamentation
Graphic Design Principles

2nd Year

One of:

Vocabulary of Islamic Arch.
Contemporary Mosques Arch.
Architecture of the Two Holy Mosques

3rd Year

One of:

Introduction to Urban Spaces Analysis
Sustainable Landscape Architecture
Urban topics in Hajj & Umrah

Architecture Track

4th Year

One of:

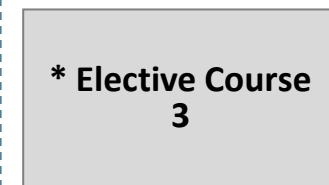
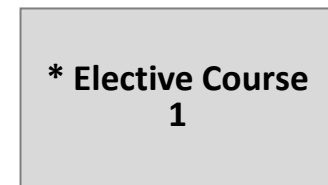
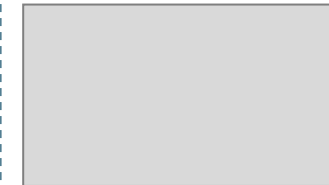
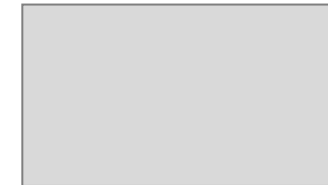
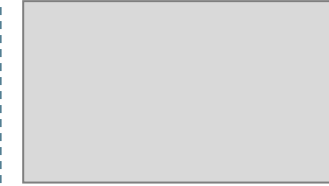
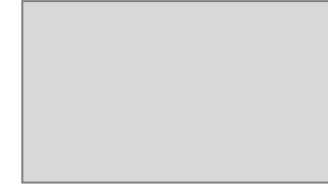
Photorealistic Rendering Techniques
Computer Modeling in Building Construction
Computerized Applications of Crowd Studies in Architecture

5th year

One of:

Human Factors in Architecture
Architectural Criticism
Selected Topics in Architecture

Architecture & Planning Program (P47)- Architecture Track



- * Elective Course 1**
- Islamic Values in Architecture
 - Saudi Regional Architectural Identity
 - Architecture of the Two Holy Mosques
 - Islamic Identity in Contemporary Architecture

- * Elective Course 2**
- Photorealistic Rendering Techniques
 - Computer Modeling in Building Construction
 - AI Applications in Architecture
 - Environmental Simulation

- * Elective Course 3**
- Resilient Urban Design
 - Sustainable Landscape Architecture
 - Human and Urban Environment
 - Urban Wayfinding

Elective Courses (Architecture Track)

Architecture & Planning Program (P44)- Urban Design Track

1st Year

One of:

- Digital Arch. Photography
- Arabic Calligraphy & Ornamentation
- Graphic Design Principles

2nd Year

One of:

- Vocabulary of Islamic Arch.
- Contemporary Mosques Arch.
- Architecture of the Two Holy Mosques

3rd Year

One of:

- Introduction to Urban Spaces Analysis
- Sustainable Landscape Architecture
- Urban topics in Hajj & Umrah

Urban Design Track

4th Year

One of:

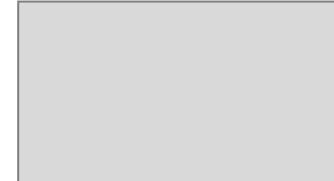
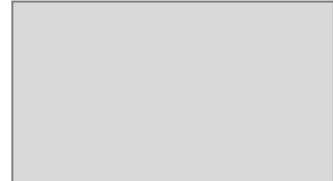
- Temporary Urbanism
- Project Management for Planners
- Terminals Planning & Design

5th year

One of:

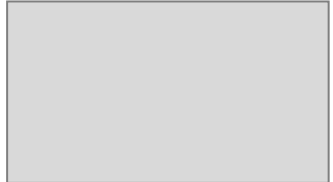
- Fundamentals of Real Estate Development
- Ecotourism Planning
- Selected Topics in Urban Design

Architecture & Planning Program (P47)- Urban Design Track



*** Elective Course 1**

*** Elective Course 2**



*** Elective Course 3**

*** Elective Course 1**

- Temporary Urbanism
- Humanizing the Cities
- Floating Cities
- City Branding

*** Elective Course 2**

- Advanced studies in Landscape Architecture
- Cities Centers
- Terminals Planning and Design
- Selected Topics in Urban Design

*** Elective Course 3**

- Fundamentals of Real Estate Development
- Urban Project Management
- Crowd Management
- Multicriteria Assessment of Urban Development Projects

Elective Courses (Urban Design Track)

Architecture & Planning Program (P44)- Urban Planning Track

Architecture & Planning Program (P47)- Urban Planning Track

1st Year

2nd Year

3rd Year

4th Year

5th year

One of:

Digital Arch. Photography
Arabic Calligraphy & Ornamentation
Graphic Design Principles

One of:

Vocabulary of Islamic Arch.
Contemporary Mosques Arch.
Architecture of the Two Holy Mosques

One of:

Introduction to Urban Spaces Analysis
Sustainable Landscape Architecture
Urban topics in Hajj & Umrah

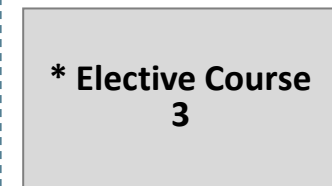
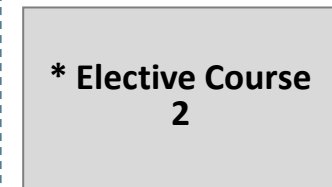
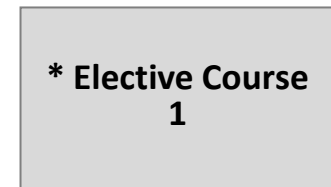
Urban Planning Track

One of:

Urban Indicators
Technology & Desert Dev.
Urban Dev. in Saudi Arabia

One of:

Selected Topics in Urban Planning
Advanced Topics in Urban Transportation
Planning Decision-Making Systems

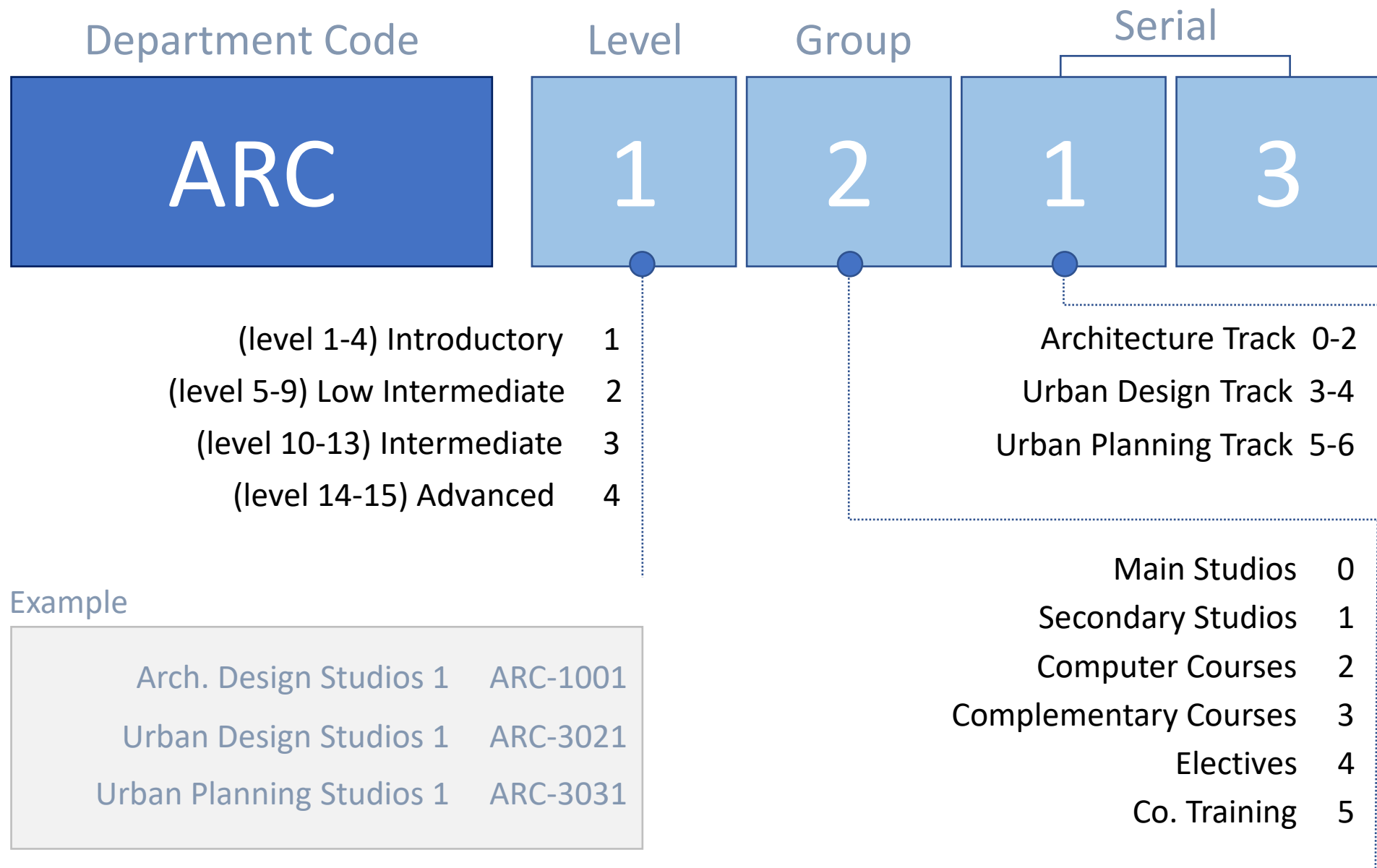


- * Elective Course 1**
- Cities and Climate Change
 - Urban Conservation and Renewal
 - Urban Development in Saudi Arabia
 - Sustainable Urban Tourism

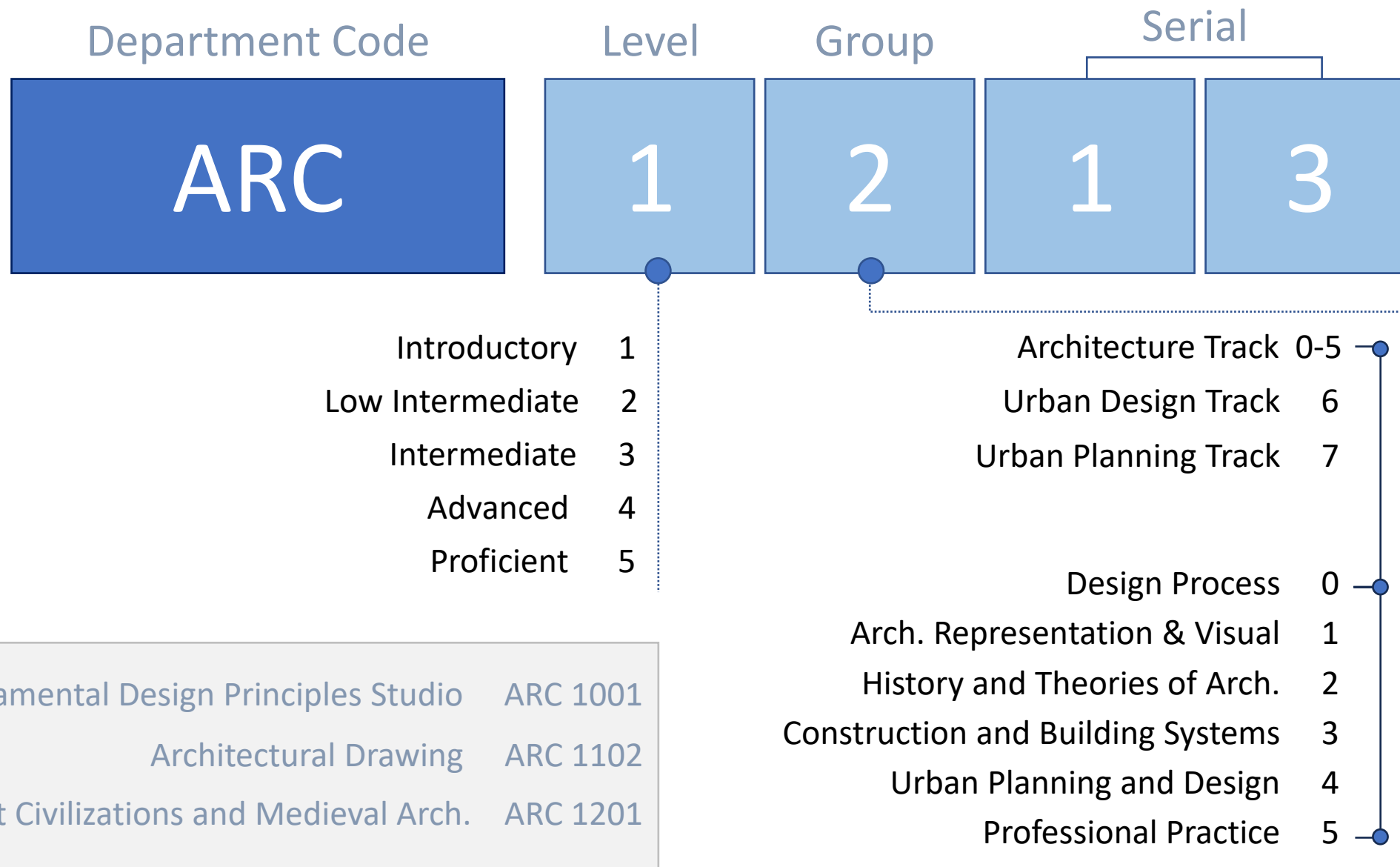
- * Elective Course 2**
- Smart Cities
 - Technology and Urban Change
 - Future Urbanism
 - Selected Topics in Urban and Regional Planning

- * Elective Course 3**
- Urban Risk Management
 - Urban Governance
 - Urban Economies
 - Urban Indicators

Elective Courses (Urban Planning Track)



Coding System (Plan 44)



Coding System (Plan 47)

Curriculum of
Architecture and Planning Programme
Plan 44

1 First Year	First Trimester	5 Architectural Formation Principles Studio 1 ARC 1001	3 Architectural Drawings and Presentation ARC 1302	2 Ancient civilizations and Medieval Architecture ARC 1309	2 Mathematics for Architects MTH 1601	4 English Language 1 ELCN1301	2 Islamic Culture 1 ICC 1201	18	
	Second Trimester	5 Architectural Formation Principles Studio 2 ARC 1002	3 Architectural Models ARC 1306	2 Design Process and Methods ARC 1308	2 Shade, Shadow and Perspective ARC 1303	4 English Language 2 ELCN1302	2 Digital Technology DS1101	18	
	Third Trimester	5 Fundamental Design Principles Studio ARC 1003	3 Buildings Design Standards 1 ARC 1314	2 Elective Course 1 ARC 140#	2 Physics for Architects PHY 1115	4 English Language 3 ELCN1303	2 The Holy Quran 1 QR 1101	18	
2 Second Year	First Trimester	5 Architectural Design Studio 1: Small Scale Public Buildings ARC 1004	3 Building Construction Studio 1: Site Preparation ARC 1101	2 Vector-based Drawing ARC 1203	2 Introduction to Landscape Architecture ARC 1315	2 Architecture of Islamic Civilization ARC 1310	2 Surveying CE 1632	2 Islamic Culture 2 ICC 2202	18
	Second Trimester	5 Architectural Design Studio 2: Medium Scale Public Buildings ARC 1005	3 Building Construction Studio 2: Components of Building Structure ARC 1102	2 3D Modeling ARC 1205	2 Local Architectural Heritage ARC 1304	2 Renaissance and Pre-modern Architecture ARC 1311	2 Environmental control Systems ARC 1317	2 Structure 1 CE 1450	18
	Third Trimester	5 Architectural Design Studio 3: Vernacular Architecture ARC 1006	3 Building Construction Studio 3: Components of Building Structure ARC 1103	2 Creative Generative-Design ARC 1201	2 Buildings' Technical Installations ARC 1307	2 Principles of Urban Design ARC 1313	2 Elective Course 2 ARC 141#	2 The Holy Quran 2 QR 2102	18
3 Third Year	First Trimester	5 Architectural Design Studio 4: Conventional Structure Systems ARC 1007	3 Building Construction Studio 4: Technical Drawings ARC 1104	2 Principles of Urban Planning ARC 1312	2 Structure Systems in Architecture ARC 1316	4 Introduction to Urban Design Studio ARC 1109	2 Structure 2 CE 2452	18	
	Second Trimester	5 Architectural Design Studio 5: Long Spans ARC 1008	3 Building Construction Studio 5: Finishes ARC 1105	2 Sustainable Architecture ARC 1305	2 Elective Course 3 ARC 142#	4 Introduction to Urban Planning Studio ARC 1110	2 Structure 3 CE 2454	18	
	Third Trimester	8 Cooperative Training ARC 1500						2 Structure 2 CE 2452	8
4 Fourth Year	First Trimester	5 Architectural Design Studio 6: Sustainable Buildings ARC 2009	3 Execution Design Studio of Residential Buildings ARC 2107	2 Environmental Simulation ARC 2204	2 Twentieth century Architecture ARC 2327	2 Buildings Design Standards 2 ARC 2329	2 Interior Design ARC 2325	2 The Holy Quran 3 QR 3103	18
	Second Trimester	5 Architectural Design Studio 7: Mixed-Use Buildings ARC 2010	3 Execution Design Studio of Public Buildings ARC 2108	2 Digital Fabrication and Prototyping ARC 2206	2 Creativity in Architecture ARC 2318	2 Conservation of Architectural Heritage ARC 2320	2 Islamic Culture 3 ICC 3203	2 Arabic Writing and Editing ARS 1500	18
	Third Trimester	5 Architectural Design Studio 8: Conservation of Heritage Buildings ARC 2011	3 Execution Design Studio of Blow-Ups Detailing ARC 2106	2 Professional Practice for Architects ARC 2322	2 Architecture of Mega Structures ARC 2323	2 Applications of the Saudi Building Code in Architecture ARC 2326	2 Elective Course 1: Architecture ARC 240#	2 Elective 1 (General Course)	18
5 Fifth Year	First Trimester	5 Architectural Design Studio 9: Professional Practice ARC 2012	2 Graduation Project Research: Architecture ARC 2324	2 Computer-Based Architectural Project Management 1 ARC 2207	2 Smart Buildings ARC 2321	2 Universal Design ARC 2319	2 Biomimetic Architecture ARC 2328	2 Islamic Culture 4 ICC 4204	17
	Second Trimester	7 Graduation Project Studio 1: Architecture ARC 3013	2 Computer-Based Architectural Project Management 2 ARC 3208	2 Human and Environment ARC 3321	2 Resilient design ARC 3322	2 The Holy Quran 4 QR 4104	2 Elective 2 (General Course)	17	
	Third Trimester	7 Graduation Project Studio 2: Architecture ARC 3014	2 Economics of Architectural Projects ARC 3320	2 Architecture of the Future ARC 3323	2 Elective Course 2: Architecture ARC 340#	2 Elective 3 (General Course)	15		

Architecture Track



Specialized Elective Courses

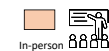


- 1 • Digital Architectural Photography
- 2 • Vocabulary of Islamic Architecture
- 3 • Introduction to Urban Spaces Analysis
- 1 • Photorealistic Rendering Techniques
- 2 • Human Factors in Architecture
- Arabic Calligraphy and Ornamentation
- Contemporary Mosques Architecture
- Sustainable Landscape Architecture
- Computer Modeling in Building Construction
- Architectural Criticism
- Graphic Design Principles
- Architecture of the Two Holy Mosques
- Urban topics in Hajj and Umrah
- Computerized Applications of Crowd Studies in Architecture
- Selected Topics in Architecture

University Elective Courses



- Specialized technology
- Health and Nutrition
- Entrepreneurship
- Work environment
- Hospitality
- Research and innovation



Credit Hours 255

1 First Year	First Trimester	5 Architectural Formation Principles Studio 1 ARC 1001	3 Architectural Drawings and Presentation ARC 1302	2 Ancient civilizations and Medieval Architecture ARC 1309	2 Mathematics for Architects MTH 1601	4 English Language 1 ELCN1301	2 Islamic Culture 1 ICC 1201	18	
	Second Trimester	5 Architectural Formation Principles Studio 2 ARC 1002	3 Architectural Models ARC 1306	2 Design Process and Methods ARC 1308	2 Shade, Shadow and Perspective ARC 1303	4 English Language 2 ELCN1302	2 Digital Technology DS1101	18	
	Third Trimester	5 Fundamental Design Principles Studio ARC 1003	3 Buildings Design Standards 1 ARC 1314	2 Elective Course 1 ARC 140#	2 Physics for Architects PHY 1115	4 English Language 3 ELCN1303	2 The Holy Quran 1 QR 1101	18	
2 Second Year	First Trimester	5 Architectural Design Studio 1: Small Scale Public Buildings ARC 1004	3 Building Construction Studio 1: Site Preparation ARC 1101	2 Vector-based Drawing ARC 1203	2 Introduction to Landscape Architecture ARC 1315	2 Architecture of Islamic Civilization ARC 1310	2 Surveying CE 1632	2 Islamic Culture 2 ICC 2202	18
	Second Trimester	5 Architectural Design Studio 2: Medium Scale Public Buildings ARC 1005	3 Building Construction Studio 2: Components of Building Structure ARC 1102	2 3D Modeling ARC 1205	2 Local Architectural Heritage ARC 1304	2 Renaissance and Pre-modern Architecture ARC 1311	2 Environmental control Systems ARC 1317	2 Structure 1 CE 1450	18
	Third Trimester	5 Architectural Design Studio 3: Vernacular Architecture ARC 1006	3 Building Construction Studio 3: Components of Building Structure ARC 1103	2 Creative Generative-Design ARC 1201	2 Buildings' Technical Installations ARC 1307	2 Principles of Urban Design ARC 1313	2 Elective Course 2 ARC 141#	2 The Holy Quran 2 QR 2102	18
3 Third Year	First Trimester	5 Architectural Design Studio 4: Conventional Structure Systems ARC 1007	3 Building Construction Studio 4: Technical Drawings ARC 1104	2 Principles of Urban Planning ARC 1312	2 Structure Systems in Architecture ARC 1316	4 Introduction to Urban Design Studio ARC 1109	2 Structure 2 CE 2452	18	
	Second Trimester	5 Architectural Design Studio 5: Long Spans ARC 1008	3 Building Construction Studio 5: Finishes ARC 1105	2 Sustainable Architecture ARC 1305	2 Elective Course 3 ARC 142#	4 Introduction to Urban Planning Studio ARC 1110	2 Structure 3 CE 2454	18	
	Third Trimester	8	Cooperative Training ARC 1500						8
4 Fourth Year	First Trimester	5 Urban Design Studio 1: Existing Areas Development ARC 3031	3 Urban Spatial Analysis Studio ARC 3131	2 Urban Information Systems ARC 3231	2 Urban Environmental Control ARC 3331	2 Urban Morphology ARC 3332	2 Housing ARC 3333	2 The Holy Quran 3 QR 3103	18
	Second Trimester	5 Urban Design Studio 2: New Areas Development ARC 3032	3 Urban Design Details Studio ARC 3132	2 Urban Virtual and Augmented Reality ARC 3232	2 Advanced studies in Landscape Architecture ARC 3334	2 Introduction to Sustainable Urban Design ARC 3335	2 Islamic Culture 3 ICC 3203	2 Arabic Writing and Editing ARS 1500	18
	Third Trimester	5 Urban Design Studio 3: Sustainability ARC 3033	3 Landscape Architecture Studio ARC 3133	2 Conservation of Heritage Sites ARC 3336	2 Streets Planning and Design ARC 3337	2 Humanizing the Cities ARC 3338	2 Elective Course 1: Urban Design ARC 343#	2 Elective 1 (General Course)	18
5 Fifth Year	First Trimester	5 Urban Design Studio 4: Urban Heritage Conservation ARC 3034	2 Graduation Project Research: Urban Design ARC 3339	2 Cities Centers ARC 3340	2 Urban Sociology ARC 3341	2 Principles of Urban Mobility ARC 3342	2 Public Transportation Planning and Management CE 3513	2 Islamic Culture 4 ICC 4204	17
	Second Trimester	7 Graduation Project Studio 1: Integrated Urban Design ARC 4035	2 Crowd Management ARC 3344	2 Smart Urban Spaces ARC 3345	2 Urban Wayfinding ARC 3346	2 The Holy Quran 4 QR 4104	2 Elective 2 (General Course)		17
	Third Trimester	7 Graduation Project Studio 2: Integrated Urban Design ARC 4036	2 Professional Practice of Urban Design ARC 4347	2 Future Urbanism ARC 4348	2 Elective Course 2: Urban Design ARC 444#	2 Elective 3 (General Course)			15

مقرات مسار التصميم الحضري



Specialized Elective Courses 	<ul style="list-style-type: none"> 1 • Digital Architectural Photography 2 • Vocabulary of Islamic Architecture 3 • Introduction to Urban Spaces Analysis 1 • Temporary Urbanism 2 • Fundamentals of Real Estate Development 	<ul style="list-style-type: none"> • Arabic Calligraphy and Ornamentation • Contemporary Mosques Architecture • Sustainable Landscape Architecture • Project Management for Planners • Ecotourism Planning 	<ul style="list-style-type: none"> • Graphic Design Principles • Architecture of the Two Holy Mosques • Urban topics in Hajj and Umrah • Terminals Planning and Design • Selected Topics in Urban Design 	University Elective Courses 	<ul style="list-style-type: none"> • Specialized technology • Health and Nutrition • Entrepreneurship 	<ul style="list-style-type: none"> • Work environment • Hospitality • Research and Innovation 	Credit Hours 255 In-person Online
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1 First Year	First Trimester	4 Architectural Formation Principles Studio 1 ARC 1001	3 Architectural Drawings and Presentation ARC 1302	2 Ancient civilizations and Medieval Architecture ARC 1309	2 Mathematics for Architects MTH 1601	4 English Language 1 ELCN1301	2 Islamic Culture 1 ICC 1201	17	
	Second Trimester	5 Architectural Formation Principles Studio 2 ARC 1002	3 Architectural Models ARC 1306	2 Design Process and Methods ARC 1308	2 Shade, Shadow and Perspective ARC 1303	4 English Language 2 ELCN1302	2 Digital Technology DS1101	18	
	Third Trimester	5 Fundamental Design Principles Studio ARC 1003	3 Buildings Design Standards 1 ARC 1314	2 Elective Course 1 ARC 140#	2 Physics for Architects PHY 1115	4 English Language 3 ELCN1303	2 The Holy Quran 1 QR 1101	18	
2 Second Year	First Trimester	5 Architectural Design Studio 1: Small Scale Public Buildings ARC 1004	3 Building Construction Studio 1: Site Preparation ARC 1101	2 Vector-based Drawing ARC 1203	2 Introduction to Landscape Architecture ARC 1315	2 Architecture of Islamic Civilization ARC 1310	2 Surveying CE 1632	2 Islamic Culture 2 ICC 2202	18
	Second Trimester	5 Architectural Design Studio 2: Medium Scale Public Buildings ARC 1005	3 Building Construction Studio 2: Components of Building Structure ARC 1102	2 3D Modeling ARC 1205	2 Local Architectural Heritage ARC 1304	2 Renaissance and Pre-modern Architecture ARC 1311	2 Environmental control Systems ARC 1317	2 Structure 1 CE 1450	18
	Third Trimester	5 Architectural Design Studio 3: Vernacular Architecture ARC 1006	3 Building Construction Studio 3: Components of Building Structure ARC 1103	2 Creative Generative-Design ARC 1201	2 Buildings' Technical Installations ARC 1307	2 Principles of Urban Design ARC 1313	2 Elective Course 2 ARC 141#	2 The Holy Quran 2 QR 2102	18
3 Third Year	First Trimester	5 Architectural Design Studio 4: Conventional Structure Systems ARC 1007	3 Building Construction Studio 4: Technical Drawings ARC 1104	2 Principles of Urban Planning ARC 1312	2 Structure Systems in Architecture ARC 1316	4 Introduction to Urban Design Studio ARC 1109	2 Structure 2 CE 2452	18	
	Second Trimester	5 Architectural Design Studio 5: Long Spans ARC 1008	3 Building Construction Studio 5: Finishes ARC 1105	2 Sustainable Architecture ARC 1305	2 Elective Course 3 ARC 142#	4 Introduction to Urban Planning Studio ARC 1110	2 Structure 3 CE 2454	18	
	Third Trimester	8 Cooperative Training ARC 1500						8 مقررات التخطيط العمراني	8
4 Fourth Year	First Trimester	5 Urban Planning Studio 1: Neighborhood ARC 3051	3 Urban Spatial Analysis Studio ARC 3151	2 Urban Information Systems ARC 3251	2 Urban Planning Theories ARC 3351	2 Advanced studies in Landscape Architecture ARC 3352	2 Housing ARC 3353	2 The Holy Quran 3 QR 3103	18
	Second Trimester	5 Urban Planning Studio2: Residential District ARC 3052	3 Landscape Architecture Studio ARC 3152	2 Advanced Urban Information Systems ARC 3252	2 Urban Transportation Planning ARC 3354	2 Urban Service Facilities ARC 3355	2 Islamic Culture 3 ICC 3203	2 Arabic Writing and Editing ARS 1500	18
	Third Trimester	5 Urban Planning Studio 3: New City ARC 3053	3 Detailed Urban Planning Studio ARC 3153	2 Computer Applied Statistics ARC 3253	2 Regional Planning ARC 3356	2 Cities and Climate Change ARC 3357	2 Elective Course 1: Urban Planning ARC 345#	2 Elective 1 (General Course)	18
5 Fifth Year	First Trimester	5 Urban Planning Studio 4: Regional Planning ARC 3054	2 Graduation Project Research: Urban Planning ARC 3358	2 Urban Governance ARC 3359	2 Sustainable Cities ARC 3360	2 Urban Infrastructure ARC 3361	2 Public Transportation Planning and Management CE 3513	2 Islamic Culture 4 ICC 4204	17
	Second Trimester	7 Graduation Project Studio 1: Urban Planning ARC 4055	2 Urban Economics ARC 4363	2 Urban Sociology and Population ARC 4364	2 Smart Cities ARC 4365	2 The Holy Quran 4 QR 4104	2 Elective 2 (General Course)	17	
	Third Trimester	7 Graduation Project Studio 2: Urban Planning ARC 4056	2 Multicriteria Assessment of Urban Development Projects ARC 4366	2 Professional Practice of Planning ARC 4367	2 Elective Course 2: Urban Planning ARC 446#	2 Elective 3 (General Course)	15		



Specialized Elective Courses

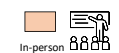


- 1 • Digital Architectural Photography
- 2 • Vocabulary of Islamic Architecture
- 3 • Introduction to Urban Spaces Analysis
- 1 • Urban Indicators
- 2 • Selected Topics in Urban Planning
- Arabic Calligraphy and Ornamentation
- Contemporary Mosques Architecture
- Sustainable Landscape Architecture
- Technology and Desert Development
- Advanced Topics in Urban Transportation

University Elective Courses



- Graphic Design Principles
- Architecture of the Two Holy Mosques
- Urban topics in Hajj and Umrah
- Urban Development in Saudi Arabia
- Planning Decision-Making Systems
- Specialized technology
- Health and Nutrition
- Entrepreneurship
- Work environment
- Hospitality
- Research and innovation



Curriculum of
Architecture and Planning Programme
Plan 47

1	Level 1	5 Architectural Formation Principles Studio ARC 1101	2 Architectural Drawing ARC 1102	2 Design Process and Methods ARC 1000	2 Ancient Civilizations and Medieval Architecture ARC 1201	2 Design Thinking IND1101	3 English Language 1 ELIN1301	2 The Holy Quran Tajweed QR1101	18	
	Level 2	5 Fundamental Design Principles Studio ARC 1001	3 Visual Studies ARC 1103	2 Vector-based Drawing ARC 1104	3 Architectural Models Studio ARC 1105	3 English Language 2 ELIN1302	University Skills CUR1101	2 The Holy Quran Memorization 1 QR2102	18	
2	Level 3	5 Small Public Buildings Design Studio ARC 2002	2 Building Construction Studio 1 ARC 2301	3 3D Modeling ARC 2106	2 Buildings Design Standards 1 ARC 2010	2 Environmental Control Systems ARC 2307	2 Introduction to Artificial Intelligence AI2001	2 The Holy Quran Memorization 2 QR2103	18	
	Level 4	5 Vernacular Architecture Design Studio ARC 2003	2 Building Construction Studio 2 ARC 2302	2 Principles of Urban Design ARC 2401	2 Architecture of Islamic Civilization ARC 2202	3 Principles of Landscape Architecture ARC 2402	2 Values and Ethics ICC1201	2 Completion of the Holy Quran QR3104	18	
3	Level 5	5 Sustainable Design Studio ARC 3004	2 Building Construction Studio 3 ARC 3303	3 Introduction to Urban Design Studio ARC 3403	2 Renaissance and Pre-modern Architecture ARC 3203	2 Principles of Urban Planning ARC 3404	2 Housing ARC 3405	2 General Elective x	18	
	Level 6	5 Long-Span Buildings Design Studio ARC 3005	2 Building Construction Studio 4 ARC 3304	2 Architectural Research Methods ARC 3206	2 20th Century and Contemporary Architecture ARC 3204	3 Introduction to Urban Planning Studio ARC 3406	2 Advanced Technologies in Building Construction ARC 3305	2 Mathematics for Architects MTH1183	18	
4	Level 7	5 Heritage Buildings Conservation Studio ARC 4006	3 Working Drawings Studio 1 ARC 4306	2 Creative Generative-Design ARC 4107	2 Buildings Design Standards 2 ARC 4011	2 Elective Course 1 ARC 421#	2 The Family in Islam ICC4202	2 Principles of Statistics for Architects MTH11681	18	
	Level 8	5 Professional Practice Studio ARC 4007	3 Working Drawings Studio 2 ARC 4307	2 Integrated Architectural Design Studio 1 ARC 4008	2 Architectural Project Management 1 ARC 4503	2 Elective Course 2 ARC 411#	2 Applications of Building Code in Architecture ARC 4309	2 Professional Development Skills BUS1099	18	
5	Level 9	6 Cooperative Training ARC 4500							6	
	Level 10	5 Integrated Architectural Design Studio 2 ARC 4009	2 Economics of Architectural Projects ARC 4505	2 Professional Practice for Architects ARC 4501	2 Architectural Project Management 2 ARC 4504	2 Elective Course 3 ARC 441#	2 Universal Design Code ARC 4310	3 Graduation Project ARC 4208	18	
Course Types		Specialized Elective Courses		General Electives		Total Program Credit Hours				
<ul style="list-style-type: none"> University Courses Specialized Courses Track Courses Supportive Courses 		<ul style="list-style-type: none"> Elective 1 <ul style="list-style-type: none"> Islamic Values in Architecture Saudi Regional Architectural Identity Architecture of the Two Holy Mosques Islamic Identity in Contemporary Architecture Elective 2 <ul style="list-style-type: none"> Photorealistic Rendering Techniques Computer Modeling in Building Construction AI Applications in Architecture Environmental Simulation Elective 3 <ul style="list-style-type: none"> Resilient Urban Design Sustainable Landscape Architecture Human and Urban Environment Urban Wayfinding 		<ul style="list-style-type: none"> Introduction to Tourism and Hospitality Industry Entrepreneurship and Innovation Personal Financial Planning Skills E-Commerce Digital Technology 		<ul style="list-style-type: none"> Life Skills Diversity, Equity, and Inclusion Heritage and Cultural Diversity Writing and Public Speaking Community Health 				168

1	Level 1	5 Architectural Formation Principles Studio ARC 1101	2 Architectural Drawing ARC 1102	2 Design Process and Methods ARC 1000	2 Ancient Civilizations and Medieval Architecture ARC 1201	2 Design Thinking IND1101	3 English Language 1 ELIN1301	2 The Holy Quran Tajweed QR1101	18
	Level 2	5 Fundamental Design Principles Studio ARC 1001	3 Visual Studies ARC 1103	2 Vector-based Drawing ARC 1104	3 Architectural Models Studio ARC 1105	3 English Language 2 ELIN1302	University Skills CUR1101	2 The Holy Quran Memorization 1 QR2102	18
2	Level 3	5 Small Public Buildings Design Studio ARC 2002	2 Building Construction Studio 1 ARC 2301	3 3D Modeling ARC 2106	2 Buildings Design Standards 1 ARC 2010	2 Environmental Control Systems ARC 2307	2 Introduction to Artificial Intelligence AI2001	2 The Holy Quran Memorization 2 QR2103	18
	Level 4	5 Vernacular Architecture Design Studio ARC 2003	2 Building Construction Studio 2 ARC 2302	2 Principles of Urban Design ARC 2401	2 Architecture of Islamic Civilization ARC 2202	3 Principles of Landscape Architecture ARC 2402	2 Values and Ethics ICC1201	2 Completion of the Holy Quran QR3104	18
3	Level 5	5 Sustainable Design Studio ARC 3004	2 Building Construction Studio 3 ARC 3303	3 Introduction to Urban Design Studio ARC 3403	2 Renaissance and Pre-modern Architecture ARC 3203	2 Principles of Urban Planning ARC 3404	2 Housing ARC 3405	2 General Elective x	18
	Level 6	5 Long-Span Buildings Design Studio ARC 3005	2 Building Construction Studio 4 ARC 3304	2 Architectural Research Methods ARC 3206	2 20th Century and Contemporary Architecture ARC 3204	3 Introduction to Urban Planning Studio ARC 3406	2 Advanced Technologies in Building Construction ARC 3305	2 Mathematics for Architects MTH1183	18
4	Level 7	5 New Areas Urban Design Studio ARC 4601	3 Landscape Design Studio 1 ARC 4602	2 Urban Information Systems ARC 4603	2 Urban design methodologies and techniques ARC 4604	2 Elective Course 1 ARC 462#	2 The Family in Islam ICC4202	2 Principles of Statistics for Architects MTH11681	18
	Level 8	5 Existing Areas Urban Design Studio ARC 4607	3 Landscape Design Studio 2 ARC 4608	2 Integrated Urban Design Studio 1 ARC 4609	2 Urban Environmental Control ARC 4610	2 Elective Course 2 ARC 463#	2 Sustainable Urban Design ARC 4611	2 Professional Development Skills BUS1099	18
5	Level 9	6 Cooperative Training ARC 4613							6
	Level 10	5 Integrated Urban Design Studio 2 ARC 4614	2 Conservation of Heritage Sites ARC 4615	2 Professional Practice of Urban Design ARC 4616	2 Urban Mobility ARC 4617	2 Elective Course 3 ARC 464#	2 Streetscape ARC 4618	3 Graduation Project ARC 4619	18

Course Types University Courses Specialized Courses Track Courses Supportive Courses	Specialized Elective Courses Elective 1 <ul style="list-style-type: none"> Temporary Urbanism Humanizing the Cities Floating Cities City Branding 	Elective 2 <ul style="list-style-type: none"> Advanced studies in Landscape Architecture Cities Centers Terminals Planning and Design Selected Topics in Urban Design 	Elective 3 <ul style="list-style-type: none"> Fundamentals of Real Estate Development Urban Project Management Crowd Management Multicriteria Assessment of Urban Development 	General Electives <ul style="list-style-type: none"> Introduction to Tourism and Hospitality Industry Entrepreneurship and Innovation Personal Financial Planning Skills E-Commerce Digital Technology 	<ul style="list-style-type: none"> Life Skills Diversity, Equity, and Inclusion Heritage and Cultural Diversity Writing and Public Speaking Community Health 	Total Program Credit Hours 168
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1	Level 1	5 Architectural Formation Principles Studio ARC 1101	2 Architectural Drawing ARC 1102	2 Design Process and Methods ARC 1000	2 Ancient Civilizations and Medieval Architecture ARC 1201	2 Design Thinking IND1101	3 English Language 1 ELIN1301	2 The Holy Quran Tajweed QR1101	18
	Level 2	5 Fundamental Design Principles Studio ARC 1001	3 Visual Studies ARC 1103	2 Vector-based Drawing ARC 1104	3 Architectural Models Studio ARC 1105	3 English Language 2 ELIN1302	University Skills CUR1101	2 The Holy Quran Memorization 1 QR2102	18
2	Level 3	5 Small Public Buildings Design Studio ARC 2002	2 Building Construction Studio 1 ARC 2301	3 3D Modeling ARC 2106	2 Buildings Design Standards 1 ARC 2010	2 Environmental Control Systems ARC 2307	2 Introduction to Artificial Intelligence AI2001	2 The Holy Quran Memorization 2 QR2103	18
	Level 4	5 Vernacular Architecture Design Studio ARC 2003	2 Building Construction Studio 2 ARC 2302	2 Principles of Urban Design ARC 2401	2 Architecture of Islamic Civilization ARC 2202	3 Principles of Landscape Architecture ARC 2402	2 Values and Ethics ICC1201	2 Completion of the Holy Quran QR3104	18
3	Level 5	5 Sustainable Design Studio ARC 3004	2 Building Construction Studio 3 ARC 3303	3 Introduction to Urban Design Studio ARC 3403	2 Renaissance and Pre-modern Architecture ARC 3203	2 Principles of Urban Planning ARC 3404	2 Housing ARC 3405	2 General Elective x	18
	Level 6	5 Long-Span Buildings Design Studio ARC 3005	2 Building Construction Studio 4 ARC 3304	2 Architectural Research Methods ARC 3206	2 20th Century and Contemporary Architecture ARC 3204	3 Introduction to Urban Planning Studio ARC 3406	2 Advanced Technologies in Building Construction ARC 3305	2 Mathematics for Architects MTH1183	18
4	Level 7	5 New City Urban Planning Studio ARC 4701	3 Housing Planning Studio 1 ARC 4702	2 Urban Planning Information Systems ARC 4703	2 Urban Planning Theories ARC 4704	2 Elective Course 1 ARC 472#	2 The Family in Islam ICC4202	2 Principles of Statistics for Architects MTH1681	18
	Level 8	5 Existing City Development Studio ARC 4707	3 Housing Planning Studio 2 ARC 4708	2 Integrated Urban Planning Studio 1 ARC 4709	2 Advanced Urban Information Systems ARC 4710	2 Elective Course 2 ARC 473#	2 Sustainable Cities ARC 4711	2 Professional Development Skills BUS1099	18
5	Level 9	6 Cooperative Training ARC 4713							6
	Level 10	5 Integrated Urban Planning Studio 2 ARC 4714	2 Urban Sociology and Population ARC 4715	2 Professional Practice of Urban Planning ARC 4716	2 Planning of Urban Mobility ARC 4717	2 Elective Course 3 ARC 474#	2 Regional Planning ARC 4718	3 Graduation Project ARC 4719	18

Course Types University Courses Specialized Courses Track Courses Supportive Courses	Specialized Elective Courses 	Elective 1 <ul style="list-style-type: none"> Cities and Climate Change Urban Conservation and Renewal Urban Development in Saudi Arabia Sustainable Urban Tourism 	Elective 2 <ul style="list-style-type: none"> Smart Cities Technology and Urban Change Future Urbanism Selected Topics in Urban and Regional Planning 	Elective 3 <ul style="list-style-type: none"> Urban Risk Management Urban Governance Urban Economics Urban Indicators 	General Electives <ul style="list-style-type: none"> Introduction to Tourism and Hospitality Industry Entrepreneurship and Innovation Personal Financial Planning Skills E-Commerce Digital Technology 	<ul style="list-style-type: none"> Life Skills Diversity, Equity, and Inclusion Heritage and Cultural Diversity Writing and Public Speaking Community Health 	Total Program Credit Hours	168
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College of
Engineering and Architecture

Department of
Architecture