



A Comparison between
ISLAMIC ARCHITECTURE (Plan 37)
and
ARCHITECTURE & PLANNING (Plan 47)
programmes



جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Architecture
Department of Architecture

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and
ARCHITECTURE & PLANNING (Plan 47)
programmes

2025

Preface

Throughout history, architecture and planning have mirrored the evolution of culture and civilization. Today, architects, urban designers, and planners are increasingly responsible for addressing urban challenges, managing the built environment, and responding to growing demands on natural resources. In alignment with labor market needs and the strategic goals of Saudi Arabia's Vision 2030—including enhancing the urban environment in Saudi cities, accommodating more pilgrims and Umrah visitors, and positioning the Kingdom as a premier destination for living—the Architecture and Planning Program (Plan 47) was launched in the 2025–2026 academic year.

The five-year program comprises three years of general architectural education followed by two years of specialization in architecture, urban design, and urban planning. It is structured around a studio-based learning model aimed at producing competent and innovative graduates. The program emphasizes critical engagement with both historical and forward-looking perspectives to create original designs that respond to societal needs, foster diverse local built environments, and preserve a distinctive 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 37)

Islamic Architecture Programme
(Semester)

New Programme (Plan 47)

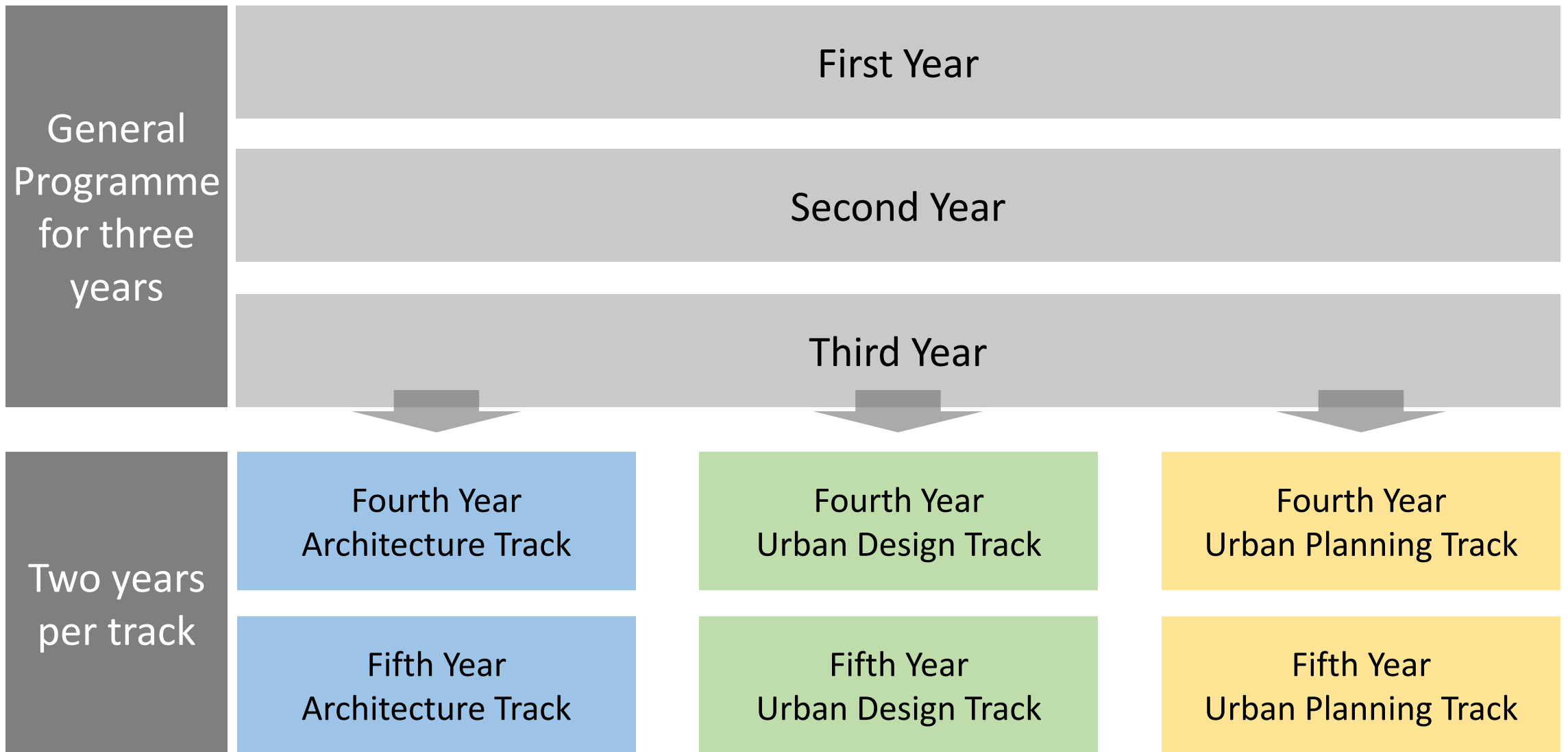
Architecture & Planning Programme
(Semester)

Architecture

Urban
Design

Urban
Planning

The Main Concept of the Two Programmes



Distribution of the Three Tracks in the Architecture and Planning Programme P47

Islamic Architecture Programme (Semester)

Knowledge

K1-a	Demonstrate an understanding of processes & methods of design.
K1-b	Define functional requirements for different sectors of the built environment.
K1-c	Demonstrate an understanding of architectural shapes & forms, & ways of presentation.
K1-d	Demonstrate a broad range of understanding of the impact of environmental conditions on the built environment.
K1-e	Demonstrate an understanding of the history & theories of the built environment.
K1-f	Describe the heritage of the built environment.
K1-g	.Interpret the social aspects impact on the built environment
K1-h	Demonstrate an understanding of the mutual integration between human & the environment.
K1-i	Demonstrate an in-depth understanding of wide range of specialized knowledge related to current developments of the built environment.
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.
K3-a	Identify the professional ethics & responsibilities of architects.
K3-b	.Illustrate the potential roles of architects in different professional contexts
K3-c	.Identify the relevant laws, rules & legislations that regulate the built environment
K3-d	Explain the nature of construction industry.
K3-e	Illustrate fundamentals of economics of construction sector.
K3-f	Illustrate fundamentals of project management of construction sector.
K3-g	Demonstrate an understanding of use of specialized measuring, testing & modeling tools in the design process.
K4-a	.Demonstrate an understanding of mathematical concepts relevant to architecture
K4-b	Illustrate fundamentals of computer applications in simulation & presentation of design concepts.

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)

Islamic Architecture Programme (Semester)

Skills	
S1-a	Make design decisions considering user requirements, site analysis, & environmental impacts.
S1-b	Apply the knowledge of historical, social & cultural references in design.
S1-c	Apply the knowledge of design theories & methods.
S1-d	Apply the knowledge of bearing structure & materials selection.
S1-e	Apply the knowledge of professional & regulatory requirements.
S1-f	Apply the knowledge of construction economics.
S1-g	Apply the knowledge of construction project management.
S1-h	Employ manual skills to develop & present projects.
S1-i	Employ digital skills to analyze, develop & present projects.
S1-j	Apply various means to achieve sustainable design.
S1-k	Create innovative architectural concepts & forms.
S2-0	Analyze the Islamic values & its impact on the formation of the human & built environment at multiple scales.
S3-a	Interpret questionnaires & evaluate data from a variety of sources.
S3-b	Analyze results of various experiments.
S3-c	Apply scientific research for complex issues of the built environment.
S4-a	Perform building & execution drawings efficiently.
S4-b	Demonstrate mental-physical coordination in producing sketches & drawings.
S4-c	Execute physical models efficiently.
S5-a	Communicate effectively using oral & written forms.
S5-b	Effectively create various technical documentations.
S5-c	Use mathematics to process data & information in various complex contexts, related to architecture.
S5-d	Utilize computer applications effectively to produce graphics & models of design concepts.

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.

Program Learning Outcomes, PLOs (Skills)

Islamic Architecture Programme (Semester)

Values	
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 social 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.

Program Learning Outcomes, PLOs (Values, , Autonomy, and Responsibility)

Islamic Architecture Programme
(Semester)

15 Weeks per Semester

172
Credit Hours

50 Architecture Courses*

6 Basic Science and Engineering Courses *

6 Urban Design & Urban Planning Courses*

2 Elective Courses*

2 Summer Training Courses (1) & (2)

* Specialized courses other than University courses

Architecture & Planning Programme (P47)
(Semester)

15 Weeks per Semester + 2 weeks for exams

168
Credit Hours

30 General Architecture Courses *

2 Basic Science Courses*

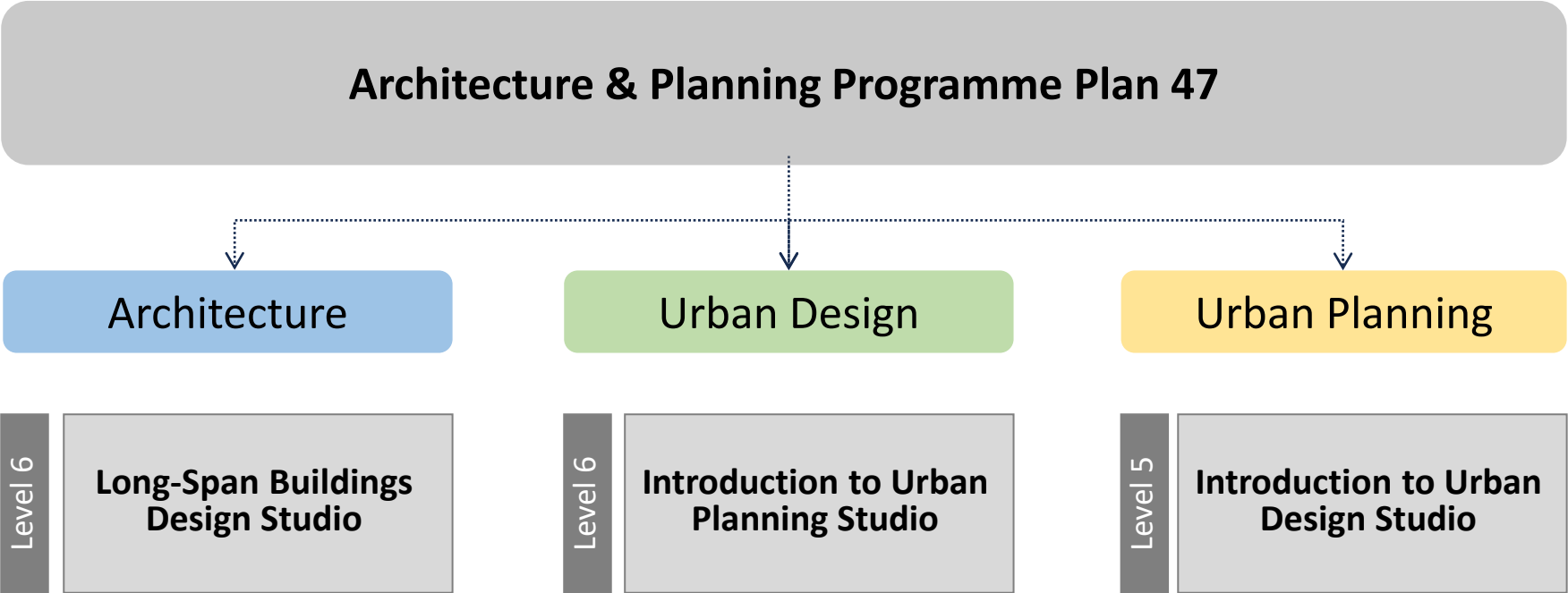
16 Architecture Track Courses*

16 Urban Design Track Courses*

16 Urban Planning Track Courses*

3 Elective Courses*

A summer and one-term Cooperative Training



Reference courses based on which students are accepted in the various tracks, in addition to the GPA (Plan 47).

Islamic Architecture Programme (Semester)

1st Year	Architectural Design Studio (1)	Architectural Design Studio (2)
2nd Year	Architectural Design Studio (3)	Architectural Design Studio (4)
3rd Year	Architectural Design Studio (5)	Architectural Design Studio (6)
4th Year	Architectural Design Studio (7)	Architectural Design Studio (8)
5th year	Architectural Design Studio (9)	Architectural Design Studio (10)

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	
Heritage Buildings Conservation Studio	Professional Practice Studio	+
	Integrated Architectural Design Studio 2	Integrated Architectural Design Studio 1

Architecture Track
▼

Architectural Design Studios Distribution (Architecture Track)

Islamic Architecture Programme (Semester)

1st Year	Architectural Design Studio (1)	Architectural Design Studio (2)
2nd Year	Architectural Design Studio (3)	Architectural Design Studio (4)
3rd Year	Architectural Design Studio (5)	Architectural Design Studio (6)
4th Year	Architectural Design Studio (7)	Architectural Design Studio (8)
5th year	Architectural Design Studio (9)	Architectural Design Studio (10)

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	
New Areas Urban Design Studio	Existing Areas Urban Design Studio	+ Integrated Urban Design Studio 1
	Integrated Urban Design Studio 2	

Urban Design Track
▼

Urban Design Studios Distribution (Urban Design Track)

Islamic Architecture Programme (Semester)

1st Year	Architectural Design Studio (1)	Architectural Design Studio (2)
2nd Year	Architectural Design Studio (3)	Architectural Design Studio (4)
3rd Year	Architectural Design Studio (5)	Architectural Design Studio (6)
4th Year	Architectural Design Studio (7)	Architectural Design Studio (8)
5th year	Architectural Design Studio (9)	Architectural Design Studio (10)



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



Urban Planning Studios Distribution (Urban Planning Track)

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Architecture Track

1st Year		
2nd Year	Building Construction (1)	Building Construction (2)
3rd Year	Building Construction (3)	Building Construction (4)
4th Year	Execution Design Studio (1)	Execution Design Studio (2)
5th Year		

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

Architecture Track



Building Construction & Execution Design Courses

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Architecture Track

1 st Year		
2 nd Year	Computer Application (1)	Computer Application (2)
3 rd Year		
4 th Year	Advanced Computer Application	
5 th Year		

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

Architecture Track



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

Computer Courses (Architecture Track)

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Urban Design Track

1st Year		
2nd Year	Computer Application (1)	Computer Application (2)
3rd Year		
4th Year	Advanced Computer Application	
5th Year		

	Vector-based Drawing
3D Modeling	
Urban Information Systems	

Urban Design Track
▼

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Urban Planning Track

1st Year		
2nd Year	Computer Application (1)	Computer Application (2)
3rd Year		
4th Year	Advanced Computer Application	
5th Year		

	Vector-based Drawing
3D Modeling	
Urban Information Systems	

Urban Planning Track
▼

Computer Courses (Urban Planning Track)

Islamic Architecture Programme (Semester)

1 st Year	Architecture of Ancient Civilizations	Design Process & Methods
2 nd Year	History & Theories of Architecture (1)	History & Theories of Architecture (2)
3 rd Year	History & Theories of Architecture (3)	History & Theories of Architecture (4)
	History & Theories of Urban Planning	Urban Planning
4 th Year		
5 th Year		

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

Architecture Track

History & Theories Courses (Architecture Track)

Islamic Architecture Programme (Semester)

1st Year	Architecture of Ancient Civilizations	Design Process & Methods
2nd Year	History & Theories of Architecture (1)	History & Theories of Architecture (2)
3rd Year	History & Theories of Architecture (3)	History & Theories of Architecture (4)
	History & Theories of Urban Planning	Urban Planning
4th Year		
5th Year		

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	20th Century and Contemporary Architecture
Housing	Architectural Research Methods
Principles of Urban Planning	
Urban design methodologies and techniques	Sustainable Urban Design
	Conservation of Heritage Sites
	Urban Mobility
	Streetscape

Urban Design Track

History & Theories Courses (Urban Design Track)

Islamic Architecture Programme (Semester)

1 st Year	Architecture of Ancient Civilizations	Design Process & Methods
2 nd Year	History & Theories of Architecture (1)	History & Theories of Architecture (2)
3 rd Year	History & Theories of Architecture (3)	History & Theories of Architecture (4)
	History & Theories of Urban Planning	Urban Planning
4 th Year		
5 th Year		

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)

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Architecture Track

1st Year

2nd Year

3rd Year

4th Year

5th year

One of:

- Sustainability & Green Arch.
- Urban Heritage in Saudi Arab
- High Tech in Building Construction
- Mega Structures

One of:

- Architectural Criticism
- Vernacular Arch.
- Architecture of the Two Holy Mosques

* Elective Course 1	* Elective Course 2
	* Elective Course 3

- * 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)

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Urban Design Track

1st Year

2nd Year

3rd Year

4th Year

5th year

- One of:
- Sustainability & Green Arch.
 - Urban Heritage in Saudi Arab
 - High Tech in Building Construction
 - Mega Structures

- One of:
- Architectural Criticism
 - Vernacular Arch.
 - Architecture of the Two Holy Mosques

* 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)

Islamic Architecture Programme (Semester)



Architecture & Planning Program (P47)- Urban Planning Track

1st Year

2nd Year

3rd Year

4th Year

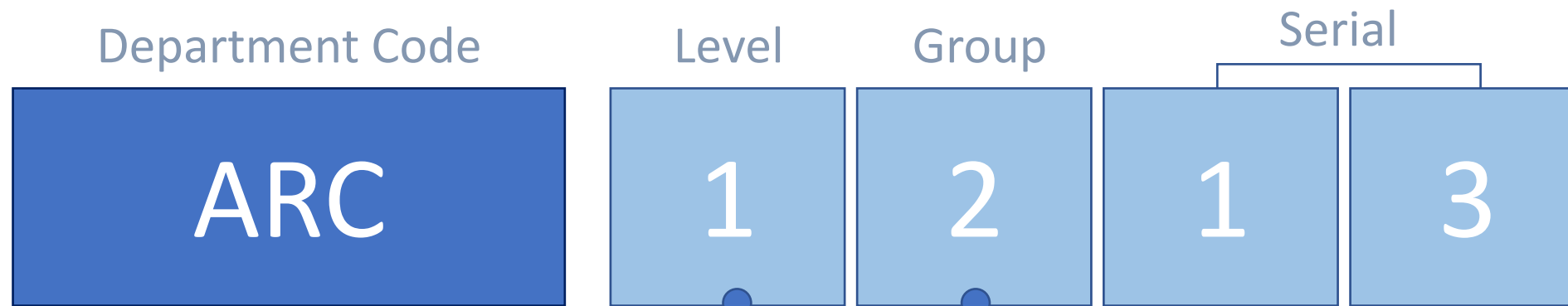
5th year

- One of:
- Sustainability & Green Arch.
 - Urban Heritage in Saudi Arab
 - High Tech in Building Construction
 - Mega Structures

- One of:
- Architectural Criticism
 - Vernacular Arch.
 - Architecture of the Two Holy Mosques

* Elective Course 1	* Elective Course 2
	* Elective Course 3

- * 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



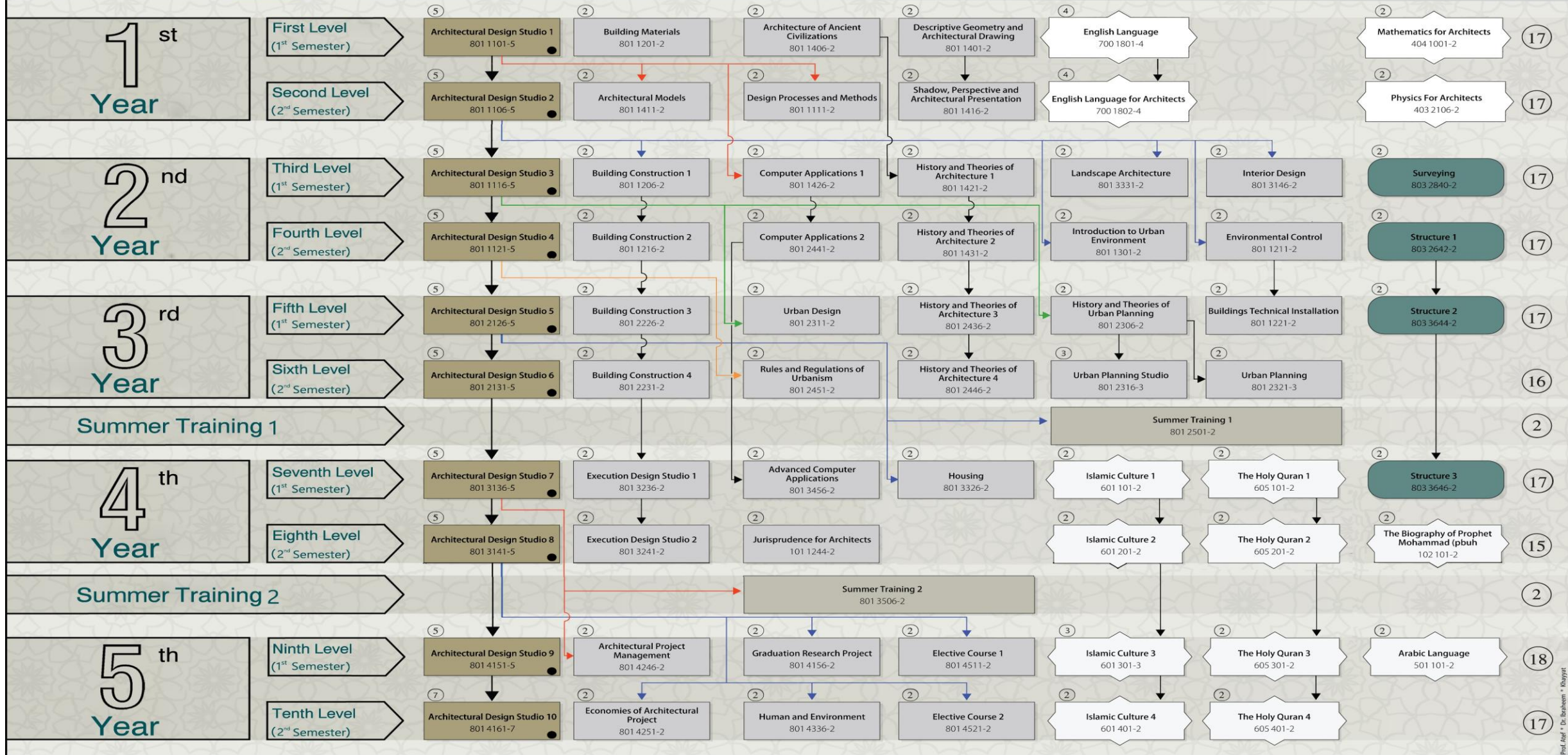
- Introductory 1
- Low Intermediate 2
- Intermediate 3
- Advanced 4
- Proficient 5

- Architecture Track 0-5
- Urban Design Track 6
- Urban Planning Track 7
- Design Process 0
- Arch. Representation & Visual 1
- History and Theories of Arch. 2
- Construction and Building Systems 3
- Urban Planning and Design 4
- Professional Practice 5

Examples

Fundamental Design Principles Studio	ARC 1001
Architectural Drawing	ARC 1102
Ancient Civilizations and Medieval Arch.	ARC 1201

**Curriculum of
Islamic Architecture Programme
Plan 37**



**Curriculum of
Architecture & 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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