

# Architecture and Planning Program- Architecture

Year	Trimester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Course 9	Course 10	Course 11	Course 12	Course 13	Course 14	Course 15	Course 16	Course 17	Course 18	
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	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**

In-person Online