

BSc in Architectural Engineering – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Introduction to Architectural Design 1	۵			B
Architectural Expression 1	۲			B
Building Materials	۲			R
General English	۳			G
General Persian	۳			G
Student Life Skills	۲			G
Theology 1	۲			G
Total Credits	۱۹			

Term 2

Courses	Credits	Code	Prerequisites	Type
Introduction to Architectural Design 2	۵		-	B
Architectural Expression 2	۲		-	B
Human, Nature, Architecture	۲		Introduction 1	B
Surveying	۲		-	R
Statics	۲		-	R
World Architecture	۲		Introduction 1	R
Physical Education 1	۱		-	G
Theology 2	۲		-	G
Total Credits	۱۸			

Term 3

Courses	Credits	Code	Prerequisites	Type
Introduction to Architectural Design 3	۵		Introduction 1	B
Architectural Expression 3	۲		Expression 1	B
Computer Aided Architectural Presentation	۲		Introduction 2	B
Strength of Materials and Metal Structures	۳		Statics	R
Islamic Architecture 1	۳		Introduction 2	R
Physical Education 2	۱		Physical Education 1	G
Theology 3	۲		-	G
Total Credits	۱۸			

Term 4

Courses	Credits	Code	Prerequisites	Type
Architectural Design 1	۵		Introduction 3	R
Sketch 1	۱		Introduction 3	B
Design Process in Architecture	۲		Introduction 3	R
Concrete Building Design	۲		Statics	R
Islamic Architecture 2	۲		World Architecture	R
Regulation of Environmental Conditions	۲		Introduction 2	R
Contemporary Architecture 1	۲		Introduction 1	R
Theology 4	۲		-	G
Total Credits	۱۸			

Term 5

Courses	Credits	Code	Prerequisites	Type
Architectural Design 2	۵		Introduction 3	R
Sketch 2	۱		Sketch 1	B
Building 1	۲		Design 1	R
Contemporary Architecture 2	۲		Contemporary 1	R
Electrical Equipment (Light and Sound)	۲		Regulation of Conditions	R
Building Systems	۲		Concrete Structure Design	R
Theoretical Basics of Architecture	۲		Design 1	R
Theology 5	۲		-	G
Total Credits	۱۸			

Term 6

Courses	Credits	Code	Prerequisites	Type
Architectural Design 3	۵		Design 1	R
English for Students of Architectural Engineering	۲		Design 2	E
Building 2	۲		Building 1	R
Rural Design and Analysis	۳		Design 1	R
Building Mechanical Equipment	۲		Regulation of Conditions	R
Introduction to Principles of Protection and Restoration	۳		Design 2	R
Theology 6	۲		-	G
Architectural Engineering Skills Training	0		-	
Total Credits	19			

Summer Courses

Courses	Credits	Code	Prerequisites	Type
Internship	2		Building 2 - Architectural Engineering Skills Training	
Total Credits				

Term 7

Courses	Credits	Code	Prerequisites	Type
Architectural Design 4	۵		Design 2	R
Technical Design	۳		Building 2	R
Fundamentals of Urban Space Planning	۲		Design 1	R
Architecture and Construction Workshop	۲		Building 2	E
Modern Building Technology	۲		Building 1	E
Workshop Organization Management	۲		Building 1	R
Total Credits	۱۶			

Term 8

Courses	Credits	Code	Prerequisites	Type
Architectural Design 5	5		Design 3	R
Final Design	6		<i>all of the Designs</i>	R
Urban Space Design	3		Fundamentals of Planning	R
Cost Estimation	2		Building 2	R
Total Credits	16			

Total Credits of General Courses: 22

Total Credits of Basic Courses: 27

Total Credits of Required Courses: 87

Total Credits of Elective Courses: 8

Total Credits: 144

Course Types: G=General

B=Basic

R=Required

E=Elective