

B.Sc. in Architectural Engineering Program Courses 2022-2023

First Year					
First Semester		Unit	Second Semester		Unit
EA1101	Architectural Design & Graphics	6	EA1201	Architectural Design	6
EA1102	Principles of Design	2	EA1202	Principles of Architecture	2
EA1103	Calculus I	4	EA1203	Academic Debate	4
EA1104	English Language I	2	EA1204	English Language II	2
EA1105	Kurdology	4	EA1205	Calculus II	2
EA1106	Computer skills	1.5	EA1206	Free Hand	2

Second Year					
First Semester		Unit	Second Semester		Unit
EA2101	Residential Units Design	6	EA2201	Educational Buildings Design	6
EA2102	Eastern Architecture History	2	EA2202	Building Materials & Construction	2.5
EA2103	Advance Free Hand	2	EA2203	European Architecture History	2
EA2104	Physics for Architects	2	EA2204	3D Applications	1.5
EA2105	Perspective & Shadow	2	EA2205	Mechanic & Strength of Materials	2
EA2106	Auto Cad	1.5	EA2206	Surveying	1.5

Third Year					
First Semester		Unit	Second Semester		Unit
EA3101	Commercial Buildings Design commerical Buildings	6	EA3201	Multi-story Buildings Design Buildings	6
EA3102	Architectural Working Drawings	2	EA3202	Working Drawings	2
EA3103	Islamic Architecture	4	EA3203	Engineering Services	4
EA3104	Urbanization or Building Science	2	EA3204	Housing or Architectural Space Syntax	2
EA3105	Reinforced concrete	2	EA3205	Steel Design	2
EA3106	Theory of Structure	2	EA3206	Structural Analysis	2

Fourth Year					
First Semester		Unit	Second Semester		Unit
EA4101	Urban Housing Design	6	EA4201	Specialized building Design	6
EA4102	Architectural theory	2	EA4202	Philosophy of Architecture	2
EA4103	Building Technology	2	EA4203	Advanced Building Technology	2
EA4104	Bio-Architecture or Architectural Electromechanics	2	EA4204	Advanced Bio-Architecture	2
EA4105	Landscape Design	2	EA4205	Design Methodology	2
EA4106	Urban Design	2	EA4206	Interior Design	2

Fifth Year					
First Semester		Unit	Second Semester		Unit
EA5101	Advance Urban Design	2	EA5201	Graduation project	6
EA5102	Thesis and Graduation Project	6	EA5202	Design Thesis Report	2
EA5103	Local Architecture	2	EA5203	Architectural Conservation	2
EA5104	Estimation & Specification	2	EA5204	Professional Practice	2
EA5105	Architectural Criticism	2			