

Engineering
Architectural Engineering

Study Program : Bachelor
Study Plan Type : Major
Academic Year : 2022

The requirements to obtain a Bachelor degree is :-

*** The minimum requirements to get a Bachelor degree in / Architectural Engineering / is to pass 172 credit hours, according to this study plan.**

*** The credit hours are distributed to get a Bachelor degree as follows :-**

Number of credit hours	
University Requirements	24.000
Compulsory	18.000
Elective	6.000
Faculty Requirements	27.000
Compulsory	27.000
Specialization Requirments	121.000
Compulsory	106.000
Elective	15.000
Pre-requist Courses	0.000
	0.000
Total :	172.000

University Requirements Credit Hours : 24
Requirement type : Compulsory Credit Hours :18

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2116011101	Arabic Communication Skills	3.000	3.000	0.000	121601099	online learning
2116021101	English Communication Skills	3.000	3.000	0.000	121602099	online learning
2214041117	Military Science	3.000	3.000			online learning
1714041118	National Education	3.000	3.000	0.000		online learning
2114041123	Leadership and Social Responsibility	2.000	2.000	0.000		online learning
2114041124	Entrepreneurship and Innovation	2.000	2.000	0.000		online learning
2114041125	Life Skills	2.000	2.000	0.000		online learning

University Requirements Credit Hours : 24
Requirement type : Elective Credit Hours :6

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1804001128	Cyber Hygiene	3.000	3.000	0.000	110108099	in class
2210031100	digital culture	3.000	3.000	0.000		
1916033201	Italian Language (2)	3.000	3.000	0.000	1716031101	in class
1916034101	Russian Language (1)	3.000	3.000	0.000		online learning
1916034102	Russian Language (2)	3.000	3.000	0.000		
1916034201	Japanese (2)	3.000	3.000	0.000	1716031102	in class
1916035101	Turkish Language (1)	3.000	3.000	0.000		in class
1916036101	Korean Language (1)	3.000	3.000	0.000		in class
1916036102	Korean Language(2)	3.000	3.000	0.000	1916036101	
1916037101	German Language (1)	3.000	3.000	0.000		in class
1916038101	Chinese Language (1)	3.000	3.000			online learning
1916039101	Polish Language (1)	3.000	3.000	0.000		in class
1714041101	University Life of Student	3.000	3.000			online learning
1714041102	Introduction to Psychcology	3.000	3.000			online learning
1714041104	Family and Child Education	3.000	3.000			online learning
1714041107	Citizenship and Human Rights	3.000	3.000			in class
1714041110	Islam Current Issues	3.000	3.000			in class
1714041111	Islamic Thought	3.000	3.000			online learning
1714041112	Jerusalem : Histroy and Civilization	3.000	3.000			in class
1714041113	Citizenship and Human Rights	3.000	3.000	0.000		online learning
1714041114	Histroy and Civilization of Jordan	3.000	3.000			online learning
1714041115	Sociology	3.000	3.000			in class
1714041116	Archaeology and Tourism	3.000	3.000			online learning
1714041120	Economic and Management Science	3.000	3.000			

University Requirements Credit Hours : 24
Requirement type : Elective Credit Hours :6

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1714041121	Law and Ordering of Our Life	3.000	3.000			online learning
1714041122	Principles of Sign Language	3.000	3.000			in class
1714041126	Humanistic Moral and Values Education	3.000	3.000			online learning
1714041127	Conflict Resolution and Accept Others	3.000	3.000			online learning
1714041128	Culutural Heritage in Jordan	3.000	3.000			
1914041130	Integrity Transperancy and anti - Corruption	3.000	3.000	0.000		online learning
1714041193	Palestinian Cause	3.000	3.000			in class
1714041194	Arabic Language and Current Issues	3.000	3.000			online learning
1814041195	Disability and Healthy Community	3.000	3.000			online learning
1814041197	Selected Topics in National Trends	3.000	3.000			
1814041198	Education for Sustainable Development	3.000	3.000			online learning
1814041199	Adjustment and Mental Health	3.000	3.000			online learning
1814041200	Introduction to Education	3.000	3.000			online learning
1914042111	Media Education	3.000	3.000	0.000		online learning
2101081139	Physical Culture	3.000	3.000	0.000		online learning
2201081140	Development and Environment	3.000	3.000	0.000		online learning
0110108104	Energy and its Sources	3.000	3.000	0.000		online learning
0110108113	Biotechnology and Society	3.000	3.000	0.000		online learning
0110108114	Automobile Essentials	3.000	3.000	0.000		
0110108115	Computer Ethics	3.000	3.000	0.000		blended learning
0110108130	Health and Nutrients	3.000	3.000	0.000		online learning
0110108131	Health Education and First Aid	3.000	3.000	0.000		online learning
0110108132	Sport and Health	3.000	3.000	0.000		online learning

University Requirements Credit Hours : 24
Requirement type : Elective Credit Hours :6

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0140108134	Ethics in Natural Science	3.000	3.000	0.000		online learning
0170108135	Reproductive Health	3.000	3.000	0.000		online learning
0140108166	Pharmaceutical Edification	3.000	3.000	0.000		
0121601105	Applied Arabic Language	3.000	3.000			in class
0121602102	Applied English Language	3.000	3.000	0.000		blended learning
0121602103	Technical Translation	3.000	3.000	0.000		blended learning
0141603101	Italian Language	3.000	3.000			in class
0151603102	Japanese Language (Level 1)	3.000	3.000	0.000		in class
0121603201	Spanish Language (1)	3.000	3.000			blended learning

Faculty Requirements Credit Hours : 27
Requirement type : Compulsory Credit Hours :27

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0110102101	General Physics (1)	3.000	3.000	0.000		
0110102103	General Physics Laboratory (1)	1.000	0.000	3.000	1701081136 synchronous	in class
0110103107	Basics of General Chemistry	3.000	3.000	0.000		
0110103108	Basics of General Chemistry Laboratory	1.000	0.000	3.000	110103107 synchronous OR 1701081137 synchronous	in class
0110108101	Calculus (1)	3.000	3.000	0.000		online learning
0110400101	Engineering Workshop	1.000	0.500	2.000		blended learning
0110400102	Computer Programming	3.000	3.000	0.000	110108099	in class
0110400203	Ethics and Communication Skills	3.000	3.000	0.000	111405110 OR 121602101	blended learning
0110407101	Architectural Drawing	3.000	1.000	6.000		in class
0110407102	Computer Applications In Architectural Design (1)	2.000	0.000	6.000	110407122 synchronous	in class
0110407111	Free Hand Drawing	2.000	0.000	6.000	110407101 synchronous	in class
0110407112	Architectural Communication and Presentation (1)	2.000	0.000	6.000	110407111	in class

Specialization Requirments Credit Hours : 121
Requirement type : Compulsory Credit Hours :106

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2004071470	Practical Training	3.000	0.000	0.000	110400203	in class
2104071552	Construction project management	3.000	3.000	0.000	110407551 synchronous	
0110401214	Engineering Mechanics	3.000	3.000		110108101 AND 110102101	in class
0110401313	Structural Analysis for Architectural students	3.000	3.000		110401214	online learning
0110401324	Reinforced Concrete and Steel Structures for Architectural students	3.000	3.000		110401313 AND 110407335	online learning
0110401369	Surveying and Building Documentation	3.000	1.000	6.000	110407222	in class
0110402450	Mechanical and Electrical Systems for Architectural Students	3.000	3.000	0.000	110407423 synchronous	in class
0110407121	Basic Design (1)	3.000	1.000	6.000	110407101 synchronous	in class
0110407122	Basic Design (2)	3.000	1.000	6.000	110407121	in class
0110407201	Computer Applications In Architectural Design (2)	2.000	0.000	6.000	110407102	in class
0110407213	Architectural Communication & Presentation (2)	1.000	0.000	3.000	110407112	in class
0110407221	Architectural Design (1)	4.000	1.000	9.000	110407122	in class
0110407222	Architectural Design (2)	4.000	1.000	9.000	110407221	in class
0110407232	Building Materials	3.000	2.000	3.000	110103107	in class
0110407241	History & Theory of Architectur (1)	3.000	3.000	0.000	110407111	blended learning
0110407321	Architectural Design (3)	4.000	1.000	9.000	110407222	in class
0110407322	Architectural Design (4)	4.000	1.000	9.000	110407321	in class
0110407335	Building Construction	3.000	2.000	3.000	110407232	in class
0110407336	Building Finishing	3.000	2.000	3.000	110407335	in class
0110407341	History & Theory of Architecture (2)	3.000	3.000	0.000	110407241	in class
0110407342	Islamic Architecture	3.000	3.000	0.000	110407341	in class
0110407343	Theory of Modern Architecture	3.000	3.000	0.000	110407342 synchronous	in class
0110407345	Theory & Methods of Architectural Design	1.000	1.000	0.000	110407321 synchronous	in class

Specialization Requirments Credit Hours : 121
Requirement type : Compulsory Credit Hours :106

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0110407421	Architectural Design (5)	5.000	1.000	12.000	110407322	in class
0110407422	Architectural Design (6)	5.000	1.000	12.000	110407421	in class
0110407423	Working Drawings	3.000	0.000	6.000	110407336	in class
0110407451	Specifications & Contracts	2.000	2.000	0.000	110401324	in class
0110407452	Quantity Surveying	2.000	2.000	0.000	110407451 synchronous	in class
0110407463	Urban Planning & Design	3.000	3.000	0.000	110407421	in class
0110407464	Housing	2.000	2.000	0.000	110407463 synchronous	in class
0110407465	Conservation of Architectural Heritage	2.000	2.000	0.000	110407421 synchronous	in class
0110407471	Lighting & Acoustics	3.000	2.000	3.000	110407322	in class
0110407521	Graduation Project (2)	5.000	1.000	12.000	110407542	in class
0110407542	Graduation Project (1)	2.000	1.000	3.000	(110407422 AND 110407343) AND 110407423	in class
0110407551	Professional Practice	2.000	2.000	0.000	110407452	in class
0110407563	Landscape Design	2.000	1.000	3.000	110407321	in class

Specialization Requirments Credit Hours : 121
Requirement type : Elective Credit Hours :15

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0110401566	Geographical Information System	3.000	1.000	6.000	110401365 OR 110401369	in class
0110407424	Interior Design	3.000	1.000	6.000	110407321	
0110407432	Ancient Building Technologies	3.000	3.000	0.000	110407241	in class
0110407444	Local Contemporary Architecture	3.000	3.000	0.000	110407343	in class
0110407472	Desert Habitation	3.000	3.000	0.000	110407463	in class
0110407473	Building and Energy	3.000	3.000	0.000	110407471 synchronous	in class
0110407523	Special Topics in Architecture	3.000	3.000	0.000	110407542 synchronous	in class
0110407524	Methodologies of Architectural Design	3.000	3.000	0.000	110407422 synchronous	
0110407541	Human Behavior in Architecture	3.000	3.000	0.000	110407422 synchronous	in class
0110407561	Restoration & Rehabilitation of Historic Buildings	3.000	3.000	0.000	110407465 synchronous	
0110407562	Architecture & Identity	3.000	3.000	0.000	110407465 synchronous	in class
0110407571	Green Architecture	3.000	3.000	0.000	110407422 synchronous	in class

Courses - Not Allowed To Study Credit Hours : 0
Requirement type : Credit Hours :0

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0110108112	Computer Programming	3.000	3.000	0.000	(1001103 AND 1001104) OR (110108099 OR 1011100)	blended learning

Pre-Requist Courses Credit Hours : 0
Requirement type : Credit Hours :0

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0001001096	Computer Skills Test	0.000	0.000	0.000		in class
0110108099	Computer Skills/ Prerequisite	3.000	3.000	0.000	1001096	online learning
0002110096	Arabic Placement Test	0.000	0.000	0.000		in class
0002120096	English Placement Test	0.000	0.000	0.000		in class
0111405098	Arabic Language / Pre-requisite	3.000	3.000	0.000	2110096	
0111405099	English Language/ pre-requisite	3.000	3.000	0.000	2120096	

free study materials are (3) credit hours, The student chooses it from any of the courses offered by the university departments.