LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Architecture Engineering
Major Code: ARCH
Level: underGraduate
Number Of Credits: 168
Date: 07-03-2019

Architecture Engineering (ARCH)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
ENGL250	Technical writing	3	ENGL200	
ARCH472	Environment Control II	2	ARCH471	
ARCH471	Environment Control I	2	ARCH320	
ARCH440	Landscape Architecture (Landscape Design)	3	ARCH311	
ARCH461	Urban Planning	2	ARCH420 - ARCH410	
ARCH500	Reinforced Concrete	2	ARCH345	
ARCH411	Working Drawings	3	ARCH325	
ARCH345	Structural Design	3	ARCH341	
ARCH341	Structural Analysis	3	ARCH311	
ARCH325	Building Construction II	3	ARCH315	
ARCH315	Building Construction I	3	ARCH300	
ARCH460	Theory of Architecture II	2	ARCH360	
ARCH481	Conservation of Historic Sites	2	ARCH320	
ARCH591	Housing Issues, Policy & Design	2	ARCH320	
ENGL200	Advanced English Composition & Rhetoric	3	ENGL150	
ENGL150	English Composition & Rhetoric	3	ELC103	
CULT200	Introduction to Arab - Islamic Civilization	3		
CSCI100E	Basic Computing Skills	3		
ARAB200	Arabic Language and Literature	3		
ARCH430	Computer Rendering for Architectural Design -3DMAX /MAYA	3	ARCH380	
ARCH380	Computer Aided Design II - 3D -Autodesk Architecture or Revit	3	ARCH340	
ARCH400	Architectural Modeling	3	ARCH300	
ARCH470	Lighting and HVAC	3	ARCH311	
ARCH491	Steel Structure	2	ARCH320	
ARCH480	Professional Practice for Architecture	2	ARCH420	
ARCH360	Theory of Architecture I	2	ENGL150	
ARCH351	History of Islamic & Local Architecture	3	ARCH330	
ARCH330	History of Modern Architecture (History of Modern Architecture & Art)	3	ARCH280	
ARCH310	Building Materials (Materials Techniques and Building Codes)	3	ARTS200	
ARTS270	Design Fundamentals - 3D	3	ARTS260	
ARTS260	Design Fundamentals - 2D	3	ARTS200	
ARTS320	Rendering and Perspective Techniques	3	ARTS205 - ARTS200	
ARTS250	Foundation Drawing II	3	ARTS200	
ARTS205	Geometry for the Studio	3		
ARTS200	Foundation Drawing I	3		
MATH120	Calculus I	3	MATH110	
MATH110	Pre-Calculus	3		
	Elective	3		
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ARCH300	Architectural Graphic (Architectural Drawing)	3	ARTS205	
ARCH340	Computer Aided Design I - 2D (Computer Aided Design I-2D AutoCad)	3	CSCI100E	

Code	Title	Credits	Prerequisites	Corequisites
ARCH280	History of Ancient Architecture (History of Ancient Architecture & Art)	3	ENGL150	
ARCH530	Architecture Senior Project Design	6	ARCH520	
ARCH520	Architecture Senior Projects Program	2	ARCH420 - ARCH410	
ARCH420	Urban Design Studio VI	6	ARCH320	
ARCH410	Architectural Design Studio V	6	ARCH320	
ARCH320	Architectural Design Studio IV	6	ARCH311	
ARCH311	Architectural Design Studio III	6	ARCH220	
ARCH220	Architectural Design Studio II	6	ARCH210	
ARCH210	Architectural Design Studio I	6	ARTS260 - ARTS205	
ARCH150	Surveying for Architects	2		
ARCH350	Interior Architecture (Interior Design Studio I for Architecture)	3	ARCH300 - ARTS320	
	Elective	3		
Total		168		

Major Elective Courses				
Code	Title	Credits	Prerequisites	Corequisites
ARTS210	Color Theory - Painting	3		
ARTS350	Photography	3		