



**Philadelphia University**  
**Faculty of Engineering**  
**Department of Architectural Engineering**  
**Currula Plan**  
 2009/2008

**First year**

Second Semester				First Semester			
Course No.	Course Title	Cr. Hrs	Prerequisite	Course No.	Course Title	Cr. Hrs	Prerequisite
660114	Free Hand Drawing (2)	2	660113	660111	Architectural Drawing & perspective	3	-----
660122	Architectural Design (2)	2	660121	660113	Free Hand Drawing (1)	2	-----
101101	Arabic Language Skills (1)	3	0110099	660121	Architectural Design (1)	2	-----
210106	Mathematics for Engineering	3	210101	130101	English Language Skills (1)	3	0130099
130102	English Language Skills (2)	3	130101	211104	Applied Physics	3	-----
750111	Computer Skills	3	-----	210101	Mathematics (1)	3	-----
		<b>17</b>	Total			<b>16</b>	Total

**Second year**

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs	Prerequisite	Course No.	Course Title	Cr. Hrs	Prerequisite
660221	Architectural Design(3)	4	660122	660222	Architectural Design(4)	4	660221
660225	Structural Mechanics & Structural Analysis	3	210106	660218	Computer Aided Design (1)	2	660111
660241	History of Architecture (1)	3	660122	660242	History of Architecture (2)	3	660241
				660232	Building Construction (2)	3	660231
660226	Principles of Architectural Design	3	660122	660243	Surveying	3	210106
660231	Building Construction (1)	3	660111	660233	Environmental Control	3	660121
620163	Workshop (2)	1	620162				
		<b>17</b>	Total			<b>18</b>	Total

**Third year**

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs	Prerequisite	Course No.	Course Title	Cr. Hrs	Prerequisite
660317	Computer Aided Design (2)	2	660218	660322	Architectural Design (6)	4	660321
660321	Architectural Design (5)	4	660222	660334	Working Drawing (1)	3	660232
640306	Engineering Skills	3	130102	630203	Programming Language	3	-----
-----	Elective	3	-----	660336	Concrete and Steel Structures	3	660225
660344	Theories of Contemporary Architecture (1)	3	660242	660336	Architectural Mechanical system	3	660232
		<b>15</b>	Total			<b>16</b>	Total

### Forth year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs	Prerequisite	Course No.	Course Title	Cr. Hrs	Prerequisite
660421	Architectural Design(7)	4	660322	660422	Architectural Design(8)	4	660421
660446	Behavior in Architecture	3	660344	660455	Building Specifications & Profession Fundamental	3	660322
610504	Entrepreneurship	3	+ 640306 ساعة 120	111101	National studies	3	-----
660461	Town Planning	3	660344	630202	Engineering Analysis (2)	3	650201
650201	Engineering Analysis (1)	3	210106	660499	Engineering training	3	Hrs 110
		<b>16</b>	Total			<b>16</b>	Total

### Fifth year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs	Prerequisite	Course No.	Course Title	Cr. Hrs	Prerequisite
660521	Graduation Project Thesis	2	660522	660524	Graduation Project	4	660521
660522	Architectural Design(9)	4	660422	-----	Department Requirements Elective	3	-----
660564	Housing	3	660461	-----	University Elective	3	-----
660563	Landscape Architecture	3	660461		University Elective	3	
-----	University Elective	<b>3</b>	-----		University Elective	<b>3</b>	
111100	Military Science	3	-----				
		<b>18</b>	Total			<b>16</b>	Total

## Elective Requirements in Architectural Engineering (6) Cr.H

Prere.	Cr.H.	Course Title	Course No.
660234	Sustainable Architectural	3	660233
660333	Advanced Construction Technology	3	660232
660431	Building conservation	3	660334
660433	Illumination & Acoustics	3	211104
660436	Working Drawing	3	660334
660441	GIS system	3	660461
660443	Theory of Contemporary Architecture (2)	3	660344
660466	Urban Planning	3	660461
660343	Islamic Architecture	3	660242
660593	Special topics in Architecture	3	Department Approval