

مرفق (١)

الخطة الدراسية لقسم الهندسة المعمارية

فصل الخريف 2022/2023

❖ **Fall Students**

**Level 1 / Semester 1**

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EB111	Engineering Mechanics 1	3	None	3	1	--	4
2	EB121	Engineering Physics 1	3	None	2	1	2	5
3	EB143	Engineering Drawing for Architects 1	3	None	2	3	--	5
4	EA111	Fundamental Building Construction	2	None	1	2	--	3
5	EB145	Descriptive Geometry	3	None	2	3	--	5
6	UEC01	Computer Skills and Programming Concepts 1	2	None	1	--	2	3
7	UGE01	English Language 1	2	None	1	--	2	3
<b>Total Credit Hours</b>			<b>18</b>		<b>28</b>			

**Level 2 / Semester 3**

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EB101	Engineering Mathematics 1	3	None	2	2	1	5
2	EA211	Architectural Design Level 1	4	EB144	2	4	--	6
3	EA221	Building Technology Level 3	3	EA112	1	4	--	5
4	EA231	Theory of Architecture 1	2	None	2	--	--	2
5	EA252	Colors in Built Environment	2	None	1	2	--	3
6	EA256	Computer Aided Design Drawing (CAD1)	2	None	1	--	2	3
7	EA Elective	EA007 Sketching	2	None	1	2	--	3
		EA016 Site Planning			2	--	--	2
<b>Total Credit Hours</b>			<b>18</b>		<b>26 / 27</b>			



### Level 3 / Semester 5

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA311	Architectural Design Level 3	6	EA212	2	8	--	10
2	EA321	Execution Design Level 1	4	EA222	2	4	--	6
3	EA331	Theories of Architecture 2	2	EA231	2	--	--	2
4	UGE03	English Language 3	2	UGE02	1	2	--	3
5	ES252	Theory of Structure	2	EB111	1	2	--	3
6	EA Elective	EA002 Sustainability in Architecture	2	None	2	--	--	2
		EA011 Building Science						
<b>Total Credit Hours</b>			<b>18</b>		<b>26</b>			

### Level 4 / Semester 7

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA411	Architectural Design Level 5	6	EA312	2	8	--	10
2	EA421	Execution Design Level 3	4	EA322	2	4	--	6
3	EA441	Theories of Architecture 3	2	EA331	2	--	--	2
4	ES256	Soil Mechanics	2	EB132	1	2	--	3
5	EA361	Building Laws, Regulations and Codes and Professional Practice	2	None	2	--	--	2
6	EA Elective	EA013 Building Economics	2	None	2	--	--	2
<b>Total Credit Hours</b>			<b>18</b>		<b>25</b>			



### Level 5 / Semester 9

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA511	Architectural Design Level 7	7	EA412	2	10	--	12
2	EA553	Interior Design	3	EA252 & EA411	1	4	--	5
3	EA554	Landscape	2	None	1	2	--	3
4	UCS02	Communication Skills 2	1	None	--	--	2	2
5	HU Elective	HU161 Environment and Society	2	None	2	--	--	2
		HU164 Research Methods						
6	EA Elective	EA014 Construction Site Management	2	None	2	--	--	2
		EA018 Theories of Housing						
<b>Total Credit Hours</b>			<b>17</b>		<b>26</b>			

المشرف الأكاديمي على قسم الهندسة المعمارية

أ.د/ رمضان عبد المقصود

14/08/2022

الخطة الدراسية لقسم الهندسة المعمارية

فصل الخريف 2022/2023

❖ **Spring Students**

Level 3 / Semester 6

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA312	Architectural Design Level 4	6	EA311	2	8	--	10
2	EA322	Execution Design Level 2	4	EA321	2	4	--	6
3	EA342	History of Architecture 3	2	EA242	2	--	--	2
4	HU113	Technical Report Writing and Presentation Skills	2	None	1	--	2	3
5	ES253	Reinforced Concrete and Steel Construction	2	ES252	1	2	--	3
6	EA Elective	EA001 Environmental Studies in Architecture	2	None	2	--	--	2
		EA017 Theory of City Planning			1	2	--	3
<b>Total Credit Hours</b>			<b>18</b>		<b>26 / 27</b>			

Level 4 / Semester 8

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA412	Architectural Design Level 6	6	EA411	2	8	--	10
2	EA422	Execution Design Level 4	4	EA421	2	4	--	6
3	EA442	Theories of Architecture 4	2	EA441	2	--	--	2
4	EA451	Urban Design	2	EA411	1	2	--	3
5	EA362	Specifications and Quantities	2	EA222	1	3	--	4
6	EA Elective	EA020 Geographic Information System	2	None	1	2	--	3
<b>Total Credit Hours</b>			<b>18</b>		<b>28</b>			

### Level 5 / Semester 10

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA512	Architectural Design Level 8 (Graduation Project)	10	EA511	2	16	--	18
2	EA563	Project Management in Architecture	2	None	2	--	--	2
3	UGA03	Arabic Language	2	None	2	--	--	2
4	HU Elective	HU161 Environment and Society	2	None	2	--	--	2
		HU164 Research Methods						
5	EA Elective	EA004 Heritage Conservation	2	None	2	--	--	2
		EA005 Architecture Criticism						
<b>Total Credit Hours</b>			<b>18</b>		<b>26</b>			

❖ **ملحوظة:**

هناك عدد ١٠ طلاب يدرسون المقرر EA212-Architectural Design Level 2 فى المستوى الرابع مع العلم أنهم يدرسون بقية المقررات مع المستوى الخامس أستكمالاً لخطتهم .

### Level 2 / Semester 4

No.	Course Code	Course Name	Cr.	Pre-requisite	Contact Hours per week			
					L	T	P	Total
1	EA212	Architectural Design Level 2	4	EA211	2	4	--	6

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أ.د/ رمضان عبد المقصود

14/08/2022