

Degree Audit

B.Arch – Architecture Department
150 Cr. Hrs.
2021 and later

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Degree Plan – English Version

COURSE	TITLE	LT	LB	CR	COURSE	TITLE	LT	LB	CR		
Preparatory Year (31 credits)											
ENGL	01-xx	Prep. English I (1st Q)	15	5	4	ENGL	03-xx	Prep. English III (3rd Q)	15	5	4
ENGL	02-xx	Prep. English II (2 nd Q)			4	ENGL	04-xx	Prep. English IV (4 th Q)			4
MATH	001	Prep. Math I	3	1	4	MATH	002	Prep. Math II	3	1	4
PYP	001	Prep. Physical Science	2	0	2	PYP	002	Prep. Computer Science	0	2	1
PYP	003	University Study Skills	0	2	1	PYP	004	Prep. Eng. Technology	0	2	1
PE	001	Prep. Health & Phys. Edu. I	0	2	1	PE	002	Prep. Health & Phys. Edu. II	0	2	1
			20	10	16				18	12	15
Freshman Year (39 credits)											
ARC	102	Design Studio I	0	6	3	ARC	103	Design Studio II	0	6	3
ARC	113	Arch. Communication I	0	6	3	ARC	114	Arch. Communication II	0	6	3
ARC	121	History of Architecture I	3	0	3	ARC	122	History of Architecture II	3	0	3
ENGL	101	Introduction to Academic Discourse	3	0	3	ENG	102	Introduction to Report Writing	3	0	3
PHYS	133	Principles of Physics	3	3	4	MATH	106	Applied Calculus	3	0	3
IAS	111	Belief and its consequences	2	0	2	ICS	104	Intro. to Programming in Python and C	2	3	3
			11	15	18				11	15	18
SUMMER SESSION 1						IAS	121	Language Foundation	2	0	2
						PE	101	Physical Education I	0	2	1
									2	2	3
Sophomore Year (40 credits)											
ARC	204	Arch. Design Studio III	0	10	5	ARC	205	Arch. Design Studio IV	0	10	5
ARC	213	Digital communication I	0	6	3	ARC	214	Digital communication II	0	6	3
ARC	226	Theory of Architecture I	2	0	2	ARC	229	Theory of Architecture II	2	0	2
ARC	231	Structure in Architecture I	3	0	3	ARC	232	Structure in Architecture II	3	0	3
ARE	230	Building Materials and Construction Systems	4	3	4	ISE	291	Introduction to Data Science	3	0	3
						IAS	212	Professional Ethics	2	0	2
			9	19	17				10	16	18
SUMMER SESSION 2						ENG	214	Academic & Professional Communication	3	0	3
						IAS	XXX	Islamic/Arabic Elective	2	0	2
									5	0	5
Junior Year (37 credits)											
ARC	306	Arch. Design Studio V	0	10	5	ARC	307	Arch. Design Studio VI	0	10	5
ARC	355	Human Factors in Architecture	3	0	3	ARC	345	Working Drawings	0	6	3
ARE	322	Building Mechanical Systems	2	3	3	ARC	356	Principles of Sustainable Design	3	0	3
COE	292	Intro. to Artificial Intelligence	3	0	3	ARC	357	Urban Design	3	0	3
BUS	200	Business & Entrepreneurship	3	0	3	ARE	328	Arch. Acoustics & Illumination	3	0	3
						CGS	392	Career Essentials	0	2	1
			11	13	17				9	18	18
SUMMER SESSION						ARC	399	Summer Training	0	0	2
									0	0	2
Senior Year (34 credits)											
ARC	401	Senior Project Preparation and Programming	3	0	3	ARC	403	Arch. Design Studio VIII: Senior Project	0	10	5
ARC	402	Arch. Design Studio VII	0	10	5	ARC	492	Professional Practice and Management	3	0	3
ARC	358	Real Estate and Housing Development	3	0	3	ARC	xxx	ARC Elective II (Cx equivalent)	3	0	3
ARC	xxx	ARC Elective I (Cx equivalent)	3	0	3	XXX	xxx	Free Elective II (Cx equivalent)	3	0	3
XXX	xxx	Free Elective I (Cx equivalent)	3	0	3	CGS	xxx	GS Elective I	3	0	3
			12	10	17				12	10	17
Total Credits (excluding PYP) = 150											

الخطة الدراسية – النسخة باللغة العربية

المقرر	العنوان	محاضرة	مختبر	ساعة	المقرر	العنوان	محاضرة	مختبر	ساعة
السنة التحضيرية (31 ساعة)									
4	الإنجليزية التحضيري (1)	01-xx	4	5	15	الإنجليزية التحضيري (3)	03-xx	4	5
4	الإنجليزية التحضيري (2)	02-xx	4	5	15	الإنجليزية التحضيري (4)	04-xx	4	5
4	رياضيات التحضيرية (1)	001	4	1	3	رياضيات التحضيرية (2)	002	4	1
1	علوم طبيعية	001	2	0	2	علوم الحاسب الآلي	002	2	0
1	مهارات الحياة	003	1	2	0	تقنية هندسة	004	1	2
1	التربية البدنية التحضيرية (1)	001	1	2	0	التربية البدنية التحضيرية (2)	002	1	2
15			16	10	20				
السنة الأولى (39 ساعة)									
3	عمارة	102	3	6	0	استوديو التصميم (1)	103	3	6
3	عمارة	113	3	6	0	تواصل معماري (1)	114	3	6
0	عمارة	121	3	0	3	تاريخ العمارة (1)	122	3	0
3	انجليزي	101	3	0	3	مقدمة في الكتابة الأكاديمية	102	3	0
3	فيزياء	133	4	3	3	رياضيات التطبيقية	106	4	3
3	د ا ع	111	2	0	2	مقدمة في البايثون ولغة سي	104	2	0
18	المجموع		18	15	11				
2	د ا ع		2	0	2	أساسيات اللغة العربية	121	2	0
1	تربية بدنية		1	2	0	التعليم البدني 1	101	1	2
3			3	2	2				
الفصل الصيفي 1									
السنة الثانية (40 ساعة)									
5	عمارة	204	5	10	0	استوديو التصميم المعماري (3)	205	5	10
3	عمارة	213	3	6	0	تواصل رقمي (1)	214	3	6
2	عمارة	226	2	0	2	نظريات العمارة (1)	229	2	0
3	عمارة	231	3	0	3	تطبيقات البناء في العمارة (1)	232	3	0
3	هندسة معمارية	230	4	3	4	مقدمة في العلوم المعلوماتية	291	4	3
2	د ا ع		2	0	2	أخلاقيات المهنة	212	2	0
18	المجموع		17	19	9				
3	انجليزي		3	0	3	التواصل الأكاديمي والمهني	214	3	0
2	د ا ع		2	0	2	دراسات إسلامية وعربية	xxx	2	0
5			5	0	5				
الفصل الصيفي 2									
السنة الثالثة (37 ساعة)									
5	عمارة	306	5	10	0	استوديو التصميم المعماري (5)	307	5	10
3	عمارة	355	3	0	3	الرسومات الإنشائية	345	3	0
3	عمارة	358	3	0	3	مبادئ التصميم المستدامة	356	3	0
3	هندسة معمارية	322	3	3	2	التصميم الحضري	357	3	3
3	هندسة حاسب	292	3	0	3	هندسة معمارية	328	3	0
1	دراسات علمة		1	2	0	الصوتيات والإضاءة المعمارية	392	1	2
18	المجموع		17	13	11	أساسيات المهنة			
2	عمارة		2	0	0	دراسات	399	2	0
2			2	0	0	التدريب الصيفي			
الفصل الصيفي									
السنة الرابعة (34 ساعة)									
5	عمارة	401	3	0	3	استوديو التصميم المعماري (8): مشروع التخرج	403	3	0
3	عمارة	402	5	10	0	الممارسة والإدارة المهنية	492	5	10
3	عمارة	xxx	3	0	3	مادة عمارة اختيارية (1)	xxx	3	0
3	عمارة	xxx	3	0	3	مادة تقنية / عامة اختيارية (1)	xxx	3	0
3	دراسات عامة	xxx	3	0	3	مادة تقنية / عامة اختيارية (2)	200	3	0
17	المجموع		17	10	12	إدارة وريادة الأعمال			
مجموع الساعات المعتمدة (من دون حساب السنة التحضيرية) = 150 ساعة									

Course Equivalency Plan

Curriculum I (The Old Plan)			Equivalent Course from Curriculum II (Implemented in 2017)			Equivalent Course from Curriculum III (implementation in 2021)											
Course Code	Course Title	Cr. Hrs.	Course Code	Course Title	Cr. Hrs.	COURSE STATUS	Course Code	Course Title	Cr. Hrs.	Prerequisites	Category						
ARC-101	Architecture Design Studio I	5	ARC 102	Design Studio I	3	NO CHANGE				consistent	Design Studios and senior project programming						
ARC-202	Design Studio-II	5	ARC 203	Architectural Design Studio III	5												
ARC-203	Design Studio III	5	ARC 204	Architectural Design Studio IV	5												
ARC-304	Design Studio-IV	6	ARC 306	Architectural Design Studio V	5												
ARC-305	Design Studio V	6	ARC 307	Architectural Design Studio VI	5												
ARC-400	Senior Project Preparation and Programming	2	ARC 401	Senior Project Preparation and Programming	3												
ARC-406	Design Studio-VI	6	ARC 405	Architectural Design Studio VII	6	LOWER Cr. HRS.	ARC 402	Architectural Design Studio VII	5	ARC 214, ARC 232, ARC 345, and ARC 307							
ARC-408	Architecture Design Studio VIII: Senior Project	7	ARC 409	Architectural Design Studio VIII: Senior Project	6	LOWER Cr. HRS.	ARC 403	Architectural Design Studio VIII: Senior Project	5	ARC 401 and ARC 402							
ARC-100	Architectural Graphics	5	ARC 113	Architectural Communication I	3	NO CHANGE				consistent	Communication						
			ARC 114	Architectural Communication II	3												
ARC-124	Computer Aided Architectural Design	3	ARC 213	Digital communication I	3												
ARC-225	Virtual Reality in Arch.	3	ARC 214	Digital communication 2	3												
ARC-110	History of Architecture-I	2	ARC 121	History of Architecture I	3							NO CHANGE				consistent	History & Theory
ARC-112	History of Architecture-II	2	ARC 122	History of Architecture II	3												
ARC-210	History of Architecture-III	2	ARC 329	Special Topics in Islamic Architecture	2												
ARC-313	Theory of Architecture-I	2	ARC 226	Theories of Architecture I	2												
ARC-314	Theory of Architecture-II	2	ARC 227	Theories of Architecture II	3												
ARC-281	Arch. of Saudi Arabia	2	ARC 228	Architecture of Saudi Arabia	2	MUST TAKE TWO OF THESE COURSES TO BE COUNTED / ANY COURSE ALONE WILL NOT BE COUNTED	ARC 462	Special Topics in Local and Regional Architecture	3	consistent							
---	---	---	ARC 429	Special Topics in Regional Architecture	2												
---	---	---	ARC 458	Advanced Topics in Housing	2												
---	---	---	ARC 449	Architectural Conservation and Preservation	2	CAN BE COUNTED WITH ARC 228 --- THIS COURSE ALONE WILL NOT BE COUNTED	ARC 463	Architectural Conservation	3								

ARC-221	Structure in Architecture-I	3	ARC 231	Structure in Architecture I	3	NO CHANGE				PHYS 133	Structure
ARC-222	Structure in Architecture-II	3	ARC 232	Structure in Architecture II	3					consistent	
ARC-323	Structure in Architecture-III	3	ARC 232	Structure in Architecture II	3						
ARE-211	Building Materials	3	ARE 211	SAME COURSE	3	MERGED INTO ONE COURSE	ARE230	Building Materials and Construction Systems	4	consistent	Technical
ARE-212	Construction Systems	3	ARE 212	SAME COURSE	3					ARE 211	
ARE-322	Bldg. Mechanical System	3	ARE 322	SAME COURSE	3	NO CHANGE				PHYS 133	
ARE-328	Arch. Acoustics & Illustration	3	ARE 328	SAME COURSE	3						
ARC-407	Construction Documents	3	ARC 343	Working Drawings	3					consistent	
ARC-132	Man & Built Environment	2	ARC 353	Human Factors in Architecture	3	Changed from a core to an elective	ARC XXX	Can be counted as an ARC elective (XXX xxx I or II)	3	consistent	
ARC-251	Intr. To Urban Design	2	ARC 357	Urban Design	3	NO CHANGE					
ARC-315	Perception, Geometry & Color	2	ARC xxx	Any 2 Cr.Hrs elective course, the content already covered in studio I (ARC 101)	2	Course has been deleted	WILL NOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES				
ARC-353	Housing Policy and Design	2	ARC 358	Real Estate and Housing Development	3	NO CHANGE					
ARC-435	Design Determinants for Arid Regions	2	ARC 356	Principles of Sustainable Design	3						
---	---	---	ARC 359	Design Determinants of Arid Region	2	Course has been deleted	WILL NOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES				
---	---	---	ARC 308	Community Design Exploration	3	Course has been deleted	ARC XXX	Can be counted as an ARC elective (XXX xxx I or II)	3		
---	---	---	ARC 309	International Studio	3	Course has been deleted	ARC XXX	Can be counted as an ARC elective (XXX xxx I or II)	3		
---	---	---	ARC 349	Local Materials in Architecture	2	Course has been deleted	WILL NOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES				
---	---	---	ARC 459	Advanced Sustainable Design Workshop	3	Course has been deleted	ARC 360	Advanced Topics in Sustainable Architecture	3		
---	---	---	ARC 329	Special Topics in Islamic Architecture	2	Course has been deleted	WILL NOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES				
---	---	---	ARC 454	Special Topics in Mosque Architecture	3	Course has been deleted	ARC 461	Special Topics in Islamic Architecture	3		
ARE-431	Building Economy	3	ARE 431	SAME COURSE	3	Course has been deleted	ARE 431	Can be counted as a free elective (XXX xxx I or II)	3		
---	---	---	ARE 413	Construction Management	3	Course has been deleted	ARE 413	Can be counted as a free elective (XXX xxx I or II)	3		
CE-260	Surveying-I	2	CE-260	SAME COURSE	2	CANNOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES					
ARC-399	Summer Internship	1	ARC 390	Summer Internship	2	NO CHANGE				consistent	Professional
ARC-426	Professional Practice	3	ARC 491	Professional Practice	3	Course has been deleted	ARC 492	Professional Practice and Management	3		
---	---	---	ARCxxx	Architectural Elective II	2	CANNOT BE COUNTED / THE PROGRAM HAS NO 2 CR. HRS. ELECTIVE COURSES				consistent	Elec tives
---	---	---	ARCxxx	Architectural Elective I and III	3	Courses can be substituted by any Cx approved courses offered by the department or any other department					
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