

**Curriculum for the Department of Architectural Engineering (Bologna
Process)
FIRST YEAR**

1 st Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE82001	Academic Debate	3					5.00		B
2	CUE31001	Computer Skills		4				5.00		B
3	CUE42001	Freehand Sketching			3			2.00		C
4	CUE66001	Kurdistan Studies	3					5.00		B
	CUE66002	Kurdish Language							B	
5	CUE42002	Graphic & Basic Design	1		3			3.00		C
6	CUE68001	Calculus I	2				2	5.00		B
7	CUE61001	General English	2		6			5.00		B
TOTAL			11.0	4.0	12.0		2.0	30.0		

2 nd Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE42011	Introduction to Architectural Design	2		6			6.00		C
2	CUE42012	Building Materials	2		2			4.00		S
3	CUE42013	Coloring and presentation			2			2.00		C
4	CUE42014	Art and Architecture	1		2			4.00		C
5	CUE68001	Calculus II	2				2	4.00		B
6	CUE61002	Academic English	2		4			5.00		B
7	CUE31002	Academic Computing		4				5.00		B
TOTAL			9	4	16		2	30		

SECOND YEAR

3 rd Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE42021	Architectural Design I	2		8			9.00		C
2	CUE42022	History of Ancient Architecture	2					4.00		C
3	CUE42023	Perspective Drawings	1		3			4.00		S
4	CUE42024	Engineering Mechanics	2				2	3.00		S
5	CUE42025	Digital Design and Presentation - Auto CAD	2	2				4.00		S
6	CUE42026	Technical English	2					3.00		S
7	CUE42027	Building Elements	2					3.00		S
TOTAL			13	2	11		2	30.00		

4 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE42031	Architectural Design II	2		8			9.00		C
2	CUE42032	History of Greek and Roman Architecture	2					3.00		C
3	CUE42033	Strength of Materials	2				2	3.00		S
4	CUE42034	Building Finishes	2					3.00		S
5	CUE42035	Workshops			2			2.00		C
6	CUE42036	Digital Design and Presentation - 3D Max	1		3			4.00		S
7	CUE42027	Fundamental of Planning	2					4.00		C
8	CUE42028	Communication Skills	2					2.00		S
TOTAL			11		13		2	30		

THIRD YEAR

5 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE42041	Architectural Design III	2		8			9.00		C
2	CUE42042	History of Medieval Europe Architecture	2					4.00		C
3	CUE42043	Structural Analysis	2		1			4.00		S
4	CUE42044	Building Services I (Lighting and Accoustic)	2					3.00		S
5	CUE42045	Working Drawing I	1		3			3.00		C
6	CUE42046	Digital Design and Presentation - Revit	1	3				3.00		C
7	CUE42047	Housing Planning	1		3			4.00		C
TOTAL			11	3	15			30		C

6 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE42051	Architectural Design IV	2		8			9.00		C
2	CUE42052	History of Islamic Architecture	2					4.00		C
3	CUE42053	Working Drawing II	1		3			5.00		C
4	CUE42054	Building Technology	2					4.00		S
5	CUE42055	Concrete Design I	3		1			4.00		S
6	CUE42056	Building Services II (Sanitary)	2					4.00		C
TOTAL			12		12			30		

FOURTH YEAR

7 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	ARC44121	Architectural Design VI	2		8				6	
2	ARC44142	Theory of Architecture II	2						2	
3	ARC44143	History of Renaissance Architecture	2						2	
4	ARC44134	Concrete Design II	2		2				3	
5	ARC44185	Building Services III (H.V.A.C)	2						2	
6	ARC44122	Interior Design	1		3				2	
7	ARC44177	Architecture and Environment I	2						2	
TOTAL			13		13				19	

8 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	ARC44221	Architectural Design VII	2		8				6	
2	ARC44262	Landscape Design	1		3				2	
3	ARC44236	Steel Structures	2		1				2	
4	ARC44254	Urban Design I	1		3				2	
5	ARC44285	Building Services IV (Electrical)	2						2	
6	ARC44277	Architecture and Environment II	2						2	

TOTAL	10	15	16
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FIFTH YEAR

9 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	ARC45121	Urban Design II	2		8				6	
2	ARC45182	Specifications and Professional Practice	2						2	
3	ARC45193	Thesis Report(Graduation Project)	2						2	
4	ARC45243	Building Rehabilitation	1		3				2	
5	ARC452	Elective Subjects	2						2	
TOTAL			9		8				14	

10 th Semester										
No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	ARC45292	Project Managements	2						2	
2	ARC45291	Thesis Project	2		12				8	
TOTAL			4		12				10	

Total CL (Class Lecture) =	110 hrs.	Total ECTS of C (Core) =	(%)
Total L (Laboratory) =	10 hrs.	Total ECTS of S (Support) =	(%)
Total P (Practical Training) =	130 hrs.	Total ECTS of B (Basic) =	(%)
Total Clin. (Clinical) =	hrs.	Total ECTS of E (Elective) =	(%)

إقليم كوردستان - العراق
جامعة جيهان-أربيل
كلية الهندسة
قسم الهندسة المعمارية



ههريمى كوردستان- عيراق
زانكوى جيهان-ههولير
كوليجى نهنازيارى
بهشى نهنازيارى تهلارسازى

Kurdistan Region –Iraq
Cihan University-Erbil
College of Engineering
Department of Architectural Engineering

Total T (Tutorial) =	8 hrs.	Total ECTS =	
Total Hours =	258 hrs.	Total Units =	