

Architecture Engineering Department

Preparatory Level

First semester

No.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Lab	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	BAS011	Mathematics (1)	3	2	-	5	3	40	35	-	75	150
2	BAS021	Physics (1)	3	1	1	5	3	25	25	25	75	150
3	BAS031	Mechanics (1)	2	2	-	4	3	25	25	-	50	100
4	BAS051	Engineering Drawing and Projection (1)	2	3	-	5	3	30	30	-	65	125
5	BAS061	Production Technology	2	-	3	5	3	20	20	20	65	125
6	HUM031	Introduction to Engineering Sciences	2	-	-	2	2	15	10	-	25	50
7	HUM011	English Language (1)	2	-	-	2	2	15	10	-	25	50
Total						28						750

Second semester

No.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Lab	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	BAS012	Mathematics (2)	3	2	-	5	3	40	35	-	75	150
2	BAS022	Physics (2)	3	1	1	5	3	25	25	25	75	150
3	BAS032	Mechanics (2)	2	2	-	4	3	25	25	-	50	100
4	BAS052	Engineering Drawing and Projection (2)	1	3	-	4	3	20	30	-	50	100
5	BAS041	Engineering Chemistry	2	-	2	4	3	20	20	20	40	100
6	CEE041	Introduction to Computer and Programming	2	-	2	4	3	20	20	20	40	100
7	HUM012	English Language (2)	2	-	-	2	2	15	10	-	25	50
Total						28						750

First Level

First semester

NO	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC112	Architectural Drawing and Design fundamentals	2	3	-	5	4	25	50	-	50	125
2	ARC131	Building Construction (1)	2	3	-	5	4	25	50	-	50	125
3	ARC151	Architectural Design (1)	2	3	-	5	6	40	80	-	80	200
4	CVE118	Structure analysis	2	3	-	5	3	25	25	-	50	100
5	CVE185	Survey	2	1	1	4	3	20	20	20	40	100
6	HUM113	Technical English	2	-	-	2	2	15	10	-	25	50
7	HUM13X	Elective	2	-	-	2	2	15	10	-	25	50
Total						28						750

Second semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC111	Architectural Presentation Techniques	2	3	-	5	2	20	40	-	40	100
2	ARC113	Computer Applications of Architecture	1	-	3	4	2	20	20	20	40	100
3	ARC121	Theories and Evolution of Architecture	3	-	-	3	3	25	25	-	50	100
4	ARC152	Architectural Design (2)	2	3	-	5	6	40	80	-	80	200
5	CVE126	Properties and testing of materials	2	1	2	5	3	20	20	20	40	100
6	CVE169	Sanitary Engineering and fixtures	2	2	-	4	3	25	25	-	50	100
7	HUM13X	Elective	2	-	-	2	2	15	10	-	25	50
Total						28						750

Second Level

First semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC232	Building Construction (2)	2	3	-	5	4	25	50	-	50	125
2	ARC241	Acoustics and Artificial Illumination	2	2	-	4	2	25	25	-	50	100
3	ARC242	Design and Environmental Control	2	2	-	4	2	20	40	-	40	100
4	ARC253	Architectural Design(3)	2	3	-	5	6	40	80	-	80	200
5	ARC214	Digital Presentation of Architectural Projects	1	-	2	3	3	15	30	-	30	75
6	CVE259	Soil Mechanics and Foundations	2	2	-	4	3	20	20	20	40	100
7	HUM211	Feasibility Studies and Operations Research	2	-	1	3	2	15	10	-	25	50
Total												750

Second semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC222	History and Philosophy of Modern Architecture and Contemporary	3	-	-	3	3	25	25	-	50	100
2	ARC233	Working Drawings (1)	2	4	-	6	4	25	50	-	50	125
3	ARC254	Architectural Design (4)	2	4	-	6	6	40	80	-	80	200
4	ARC261	Urban planning (1)	2	3	-	5	4	25	50	-	50	125
5	CVE238	Concrete Structures	2	2	-	4	3	25	25	-	50	100
6	HUM 212	Engineering Economics and Project Management	2	-	-	2	2	15	10	-	25	50
7	ARC291	Field Training (1)	-	-	2	2	-	-	25	25	-	50
Total												750

Third Level

First semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC355	Architectural Design (5)	2	4	-	6	6	40	80	-	80	200
2	ARC334	Working Drawings (2)	2	3	-	5	4	25	50	-	50	125
3	ARC362	Urban Planning (2)	2	3	-	5	4	25	50	-	50	125
4	ARC363	Landscape Architecture	2	2	-	4	4	20	40	-	40	100
5	ARC364	Housing and Planning of Residential Districts	2	2	-	4	4	20	40	-	40	100
6	HUM 332	Technical Report Writing	2	-	-	2	2	15	10	-	25	50
7	HUM34X	Elective	2	-	-	2	2	15	10	-	25	50
Total						28						750

Second semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC335	Working Designs (3)	2	4	-	6	4	30	60	-	60	150
2	ARC356	Architectural Design (6)	2	4	-	6	6	40	80	-	80	200
3	ARC3XX	Elective (1)	2	2	-	4	3	25	25	-	50	100
4	ARC3XX	Elective (1)	2	2	-	4	3	25	25	-	50	100
5	CVE339	Steel Structure	2	2	-	4	3	25	25	-	50	100
6	HUM 321	Human Rights	2	-	-	2	2	15	10	-	25	50
7	ARC392	Field Training (2)	-	-	2	2	-	-	25	25	-	50
Total						28						750

Fourth Level

First semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC457	Architectural Design (7)	3	5	-	8	8	50	100	-	100	250
2	ARC465	Urban Design	2	3	-	5	4	30	60	-	60	150
3	ARC493	Project (1)	3	-	-	3	-	-	50	-	-	50
4	ARC4XX	Elective (2)	3	2	-	5	3	30	30	-	65	125
5	ARC4XX	Elective (2)	3	2	-	5	3	30	30	-	65	125
6	HUM 413	Engineering Legislations	2	-	-	2	2	15	10	-	25	50
Total						28						750

Second semester

NO.	Course Code	Course Title	Hours				Exam time (Hr)	Examination marks				
			Lec	Tut	Prac	Total		Mid term	Class work	Prac/Oral	Final exam	Total
1	ARC494	Project (2)	3	7	-	10	-	-	150	150	-	300
2	ARC471	Quantities, Specifications and Buildings Legislation	2	2	-	4	3	25	25	-	50	100
3	ARC4XX	Elective (3)	2	3	-	5	3	30	30	-	65	125
4	ARC4XX	Elective (3)	2	3	-	5	3	30	30	-	65	125
5	HUM422	Population, Reproductive Health and Family Planning	2	-	-	2	2	15	10	-	25	50
6	HUM 423	Environmental Impact of Projects	2	-	-	2	2	15	10	-	25	50
Total						28						750