

Jawaharlal Nehru Architecture and Fine Arts University
Course Structure for B. Arch

(Under the CBCS, Effective from the Academic Year 2017-2018)

1st Semester

S. No	Course Code	Course Title	Pr e - req	Periods/ Hours per week				Cr edi ts	Marks			E n d E x a m	R e m a r k s *
				L	S	P / T / O	Total		Int.	Ext.	Total		
1	AR17B1.1C	Basic Design	Nil	1	8	–	9	9	200	200	400	S	O p e n
2	AR17B1.2C	Architectural Drawing and Graphics-I	Nil	1	3	–	4	4	50	50	100	S	O p e n
3	AR17B1.3C	Building Construction - I	Nil	1	3	–	4	4	50	50	100	S	–
4	AR17B1.4C	Building Materials – I	Nil	2	–	–	2	2	50	50	100	W	–
5	AR17B1.5C	Structural Mechanics – I	Nil	2	–	1	3	3	50	50	100	W	–
6	AR17B1.6C	Introduction to Art and Architecture	Nil	2	–	–	2	2	50	50	100	W	O p e n
7	AR17B1.7C	Workshop - Carpentry & Model making	Nil	–	–	4	4	4	50	–	50	–	–
8	GN17B1.2A	Environmental Studies	Nil	2	–	–	2	2	50	50	100	W	–
Total				11	14	5	30	30	550	500	1050		

2nd Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End Exam	Remarks*
				L	S	P/T/O	Total		Int.	Ext.	Total		
1	AR17B2.1C	Architectural Design –I	AR17 B1.1 C	1	8	–	9	9	200	200	400	S	–
2	AR17B2.2C	Architectural Drawing and Graphics - II	AR17 B1.2 C	1	3	–	4	4	50	50	100	S	Open
3	AR17B2.3C	Building Construction – II	AR17 B1.3 C	1	3	–	4	4	50	50	100	S	–
4	AR17B2.4C	Building Materials – II	AR17 B1.4 C	2	–	–	2	2	50	50	100	W	–
5	AR17B2.5C	Structural Mechanics – II	AR17 B1.5 C	2	–	1	3	3	50	50	100	W	–
6	AR17B2.6C	History of Architecture -I	Nil	3	–	–	3	3	50	50	100	W	Open
7	AR17B2.7C	Surveying and Leveling	Nil	2	–	1	3	3	50	50	100	W	Open
8	GN17B2.1A	Communication Skills	Nil	1	–	1	2	2	50	50	100	W	Open
Total				13	14	3	30	30	550	550	1100		

3rd Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End Exam	Remarks*
				L	S	P /T /O	Total		Int.	Ext.	Total		
1	AR17B3.1C	Architectural Design –II	AR17 B2.1 C	1	8	–	9	9	200	200	400	J	–
2	AR17B3.2C	Architectural Drawing and Graphics - III	AR17 B2.2 C	–	3	–	3	3	50	50	100	S	O p e n
3	AR17B3.3C	Building Construction - III	AR17 B2.3 C	1	3	–	4	4	50	50	100	S	–
4	AR17B3.4C	Structural Mechanics – III	AR17 B2.5 C	2	–	1	3	3	50	50	100	W	–
5	AR17B3.5C	History of Architecture - II	Nil	3	–	–	3	3	50	50	100	W	O p e n
6	AR17B3.6C	Building Services - I	Nil	3	–	–	3	3	50	50	100	W	–
7	AR17B3.7C	Climatology	Nil	2	–	1	3	3	50	50	100	W	–
8	GN17B2.2A	Value Education	Nil	2	–	–	2	2	50	0	50	-	–
		Total		14	14	2	30	30	550	500	1050		

4th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			E n d E x a m	R e m a r k s *
				L	S	P / T / O	Total		Int.	Ext.	Total		
1	AR17B4.1C	Architectural Design -III	AR17 B3.1C	1	8	-	9	9	200	200	400	J	-
2	AR17B4.2C	Building Construction - IV	AR17 B3.3C	1	3	-	4	4	50	50	100	S	-
3	AR17B4.3C	Design of Structures - I	AR17 B3.4C	2		1	3	3	50	50	100	W	-
4	AR17B4.4C	History of Architecture - III	AR17 B3.5C	3	-	-	3	3	50	50	100	W	O p e n
5	AR17B4.5C	Building Services - II	AR17 B3.6C	3	-	-	3	3	50	50	100	W	-
6	AR17B4.6C	Landscape Design and Site Planning	Nil	2	-	1	3	3	50	50	100	W	O p e n
7	AR17B4.7C	Computer Applications - I	Nil	-	-	3	3	3	50	50	100	P	-
8	GN17B4.1A	Cultural and Political Studies	Nil	2	-	-	2	2	50	0	50	-	O p e n
		Total		14	11	5	30	30	550	500	1050		

5th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End Exam	Remarks *
				L	S	P /T /O	Total		Int.	Ext.	Total		
1	AR17B5 .1C	Architectural Design –IV	AR17 B4.1C	1	8	–	9	9	200	200	400	J	–
2	AR17B5 .2C	Building Construction -V	AR17 B4.2C	1	3	–	4	4	50	50	100	S	–
3	AR17B5 .3C	Design of Structures - II	AR17 B4.3C	2	–	1	3	3	50	50	100	W	–
4	AR17B5 .4C	History of Architecture - IV	AR17 B4.4C	3	–	–	3	3	50	50	100	W	O p e n
5	AR17B5 .5C	Computer Applications -II	AR17 B4.7C	–	–	4	4	4	50	50	100	P	–
6	AR17B5 .6C	Building Estimating, Costing and Specifications	Nil	2	–	2	4	4	50	50	100	W	–
7	AR17B5 .xE	ELECTIVE - I	Nil	1	2	–	3	3	50	0	50	–	O p e n
	AR17B5 .1E	Workshop - Vernacular Architecture											
	AR17B5 .2E	Workshop - Universal Design											
Total				10	13	7	30	30	500	450	950		

6th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End Exam	Remarks*
				L	S	P / T / O	Total		Int.	Ext.	Total		
1	AR17B6 .1C	Architectural Design –V	AR17 B5.1C	1	8	–	9	9	200	200	400	J	–
2	AR17B6 .2C	Working Drawing and Details	AR17 B3.2C & AR17 B4.2C	1	3	–	4	4	50	50	100	J	–
3	AR17B6 .3C	Architectural Acoustics	Nil	3	–	–	3	3	50	50	100	W	–
4	AR17B6 .4C	Building Economics and Sociology	Nil	4	–	–	4	4	50	50	100	W	–
5	AR17B6 .5C	Human Settlements & Town Planning	Nil	4	–	–	4	4	50	50	100	W	Open
6	AR17B6 .6C	Environment Responsive Design	AR17 B3.7C	3			3	3	50	50	100	W	
7	AR17B6 .xE	ELECTIVE -2											
	AR17B6 .1E	Theory of Design and Architecture	AR17 B5.4C	3	–	–	3	3	50	50	100	W	Open
	AR17B6 .2E	Advanced Construction Technology & Structural Systems	AR17 B5.2C										
		Total		19	11	0	30	30	500	500	1000		

7th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			E n d E x a m	R e m a r k s *
				L	S	P / T / O	Total		Int.	Ext.	Total		
1	AR17B7.1C	Architectural Design –VI	AR17B6.1C	1	9	-	10	10	200	200	400	J	-
2	AR17B7.2C	Advanced Services	AR17B4.5C	3	2	-	5	5	50	50	100	W	-
3	AR17B7.3C	Energy Conservation Building Code	AR17B6.6C	3	-	2	5	5	50	50	100	P	
4	AR17B7.xE	ELECTIVE -3	Nil	4	-	-	4	4	50	50	100	W	
	AR17B7.1E	Urban Design											
	AR17B7.2E	Housing											
	AR17B7.3E	Building Construction Management											
	AR17B7.4E	Interior Design											
AR17B7.5E	Landscape Architecture												
5	Open Elective - 1					*	*						
6	GN17B7.1A	Personality Development		2		1	3	3	50	-	50	-	
Total				13	11	3	30	30	400	350	750		

8th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End x am / J / P	Remarks *
				L	S	P / T / O	Total		Int.	Ext.	Total		
1	AR17B8.1C	Design Studio	AR17 B7.1 C	1	10	-	11	11	200	200	400	J	-
	AR17B8.1.1C	Architectural Design - VI (Design Studio)											
	AR17B8.1.2C	Building Construction Management (Design Studio)											
	AR17B8.1.3C	Landscape Architecture (Design Studio)											
	AR17B8.1.4C	Interior Design (Design Studio)											
2	AR17B8.2C	Pre-Thesis Seminar	AR17 B7.1 C	-	2	2	4	4	100	0	100	-	-
3	AR17B8.xE	ELECTIVE - 4		2	2	-	4	4	50	50	100	W	
	AR17B8.1E	Architectural Illumination	AR17 B4.5 C										
	AR17B8.2E	Architectural Journalism	GN1 7B2.1A										
4	AR17B8.xE	ELECTIVE - 5		2	2	-	4	4	50	50	100	J	W
	AR17B8.3E	Structures Project	AR17 B5.3 C										
	AR17B8.4E	Workshop - Tall Buildings	AR17 B7.2 C										
5	AR17B8.xE	ELECTIVE -6		2	2	-	4	4	50	50	100	J	
	AR17B8.5E	Furniture and Product Design	AR17 B7.4 E										
	AR17B8.6E	Architectural Documentation	Nil										
	AR17B8.7E	Building Information Modeling	AR17 B5.5 C										
6		Open Elective - 2					*	*					
		Total		7	18	2	30	30	450	350	800		
<p>Note: * indicates credits for Open Electives. It is assumed as 3 credits for the purpose of the Course Structure and will depend upon the Course opted.</p>													

9th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks			End Exam	Remarks*
				L	S	P/T/O	Total		Int.	Ext.	Total		
1	AR17B9.1C	Design Thesis	AR17B8.1C	2	21	-	23	23	300	300	600	J	-
2	AR17B9.2C	Professional Practice & Building Codes	Nil	4	-	-	4	4	50	50	100	W	-
3	AR17B9.xE	ELECTIVE - 7		3	-	-	3	3	50	50	100		-
	AR17B9.1E	Disaster Resistant Architecture	Nil									W	
	AR17B9.2E	Intelligent Buildings	AR17B5.5C									W	
Total				9	21	0	30	30	400	400	800		

10th Semester

S. No	Course Code	Course Title	Pre-req	Periods/ Hours per week				Credits	Marks		
				L	S	P/T/O	Total		Int.	Ext.	Total
1	AR17B10.1C	Practical Training	AR17B8.1C	-	-	30	30	30	150	150	300
						30	30	30	150	150	300
Total							300	300	4600	4250	8850