

COURSE & CREDIT REQUIREMENTS

3.2

The total credit requirement for B. Arch degree at BUET is 188 credits. To complete the B. Arch degree in academic 5 five years, the Department of Architecture prescribes specific credits for each term. The distribution of Credit Hours (Cr hr) in different Levels and Terms are given below:

	Cumulative Credit Hour (Full Load)	Sessional Courses (Core+ Optional)		Theory Courses (Core + Optional)	
		Credit Hour	Contact Hour	Credit Hour	Contact Hour
L-1/ T-I	20	9+0	15+0	9+2	9+2
L-1/ T-II	17.5	6+1.5	9+3	8+2	8+2
L-2/ T-I	19	11+0	18+0	6+2	6+2
L-2/ T-II	19.5	8+1.5	12+3	8+2	8+2
L-3/ T-I	19.5	8+1.5	12+3	8+2	8+2
L-3/ T-II	21	11+0	18+0	8+2	8+2
L-4/ T-I	19.5	8+1.5	12+3	8+2	8+2
L-4/ T-II	14	12.5+1.5	21+3	0+0	0+0
L-5/ T-I	20.5	13+1.5	21+3	4+2	4+2
L-5/ T-II	17.5	11.5+0	18+0	4+2	4+2

Note: (see also page no. 36 and 37)

- Total Credit Hour = Core Sessional Courses (98) + Optional Sessional Courses (9) + Core Theory Courses (63) + Optional Theory Courses (18) = 188 Cr. Hr
- A Full Load for each Term complies with BUET's scholarship and other academic requirement.
- Six Optional Second Sessional Courses are part of degree requirement (total 9 Cr. hr).
- Total of 9 Optional Theory Courses (18 Cr hr) needs to be opted by each student for completion of graduation. All Optional Theory Courses are of 2 credits and 2 contact hours per week.
- Optional Theory Courses are of two types: Professional and General Education(GED), which are placed in Block A (for students of Level 1-Term I to Level 3-Term I) and Block B (for students of Level 3-Term II to Level 5-Term II).
- Number of Professional and GED courses are approved under two Groups in each Block. Each Group (Group 01 and 02) of Professional and GED Courses will be offered in each alternate Term.
- Students have to take minimum three GED Courses from Block A and minimum one GED Course from Block B. Students of L- 3,T-II/L-4,T-I/L-5,T-I/L-5,T-II will be allowed to take an optional theory course from Block A only if he or she has previously failed in any Block A Optional Theory Course and was, therefore, unable to complete the required 5 courses before Level 3,Term II.

Percentages of five types of courses for the fulfillment of B.Arch. Degree are shown below:

	Courses	Credit Hour	Percentage
CS	Core Sessional (Design)	80 cr hr	(42.55%)
CSS	Core Second Sessional (Design Support Sessional)	18 cr hr	(9.57%)
OSS	Optional Second Sessional (Optional Design Support Sessional)	09 cr hr	(4.78%)
CT	Core Theory	63 cr hr	(33.51%)
OT	Optional Theory	18 cr hr	(9.57%)
Total		188 cr hr	(100%)



PROFESSIONAL TRAINING

Besides the above courses, Professional Training is an intrinsic part of B. Arch degree. Eight weeks (equivalent to 320 man hours) of intensive Professional Training need to be completed within the five years, registered as 3 Credit sessional course under the monitoring of the course tutors and evaluated at the end of the training. The students of Level-4, Term-II shall engage with the training after the term final examination. An exam will be taken before the publication of the results, as there will be no theory courses offered at that term to use the examination period for training (during preparatory leave, exam and result preparation time). If a student fails to complete the training satisfactorily in due time, the student will be allowed to continue the training after the completion of 10th semesters, provided he/she is not registered for any theory course for that particular term. Only Self-study courses are allowed in conjunction with Professional Training, provided the student opts for Examinations in the middle of the term and no examination overlaps with the Training.

UNDERGRADUATE COURSE DISTRIBUTION CHART

CORE SESSIONAL	STREAMS	LEVEL - 1		LEVEL - 2		
		TERM I	TERM I	TERM I	TERM II	
DESIGN	ARCH 102 (9/6) Design Studio I	ARCH 104 (9/6) Design Studio II	ARCH 202 (12/8) Design Studio III	ARCH 204 (12/8) Design Studio IV		
DESIGN SUPPORT	ARCH 112 (6/3) Architectural Graphics I		ARCH 212 (6/3) Architectural Graphics II			
Total (Core Sessional)	9	6	11	8		
OPTIONAL SESSIONAL	DESIGN SUPPORT		ARCH 122 (3/1.5) Free Hand Drawing	ARCH 222 (3/1.5) Digital Communication in Architecture-I		
			ARCH 124 (3/1.5) Photography	ARCH 224 (3/1.5) Product Design	ARCH 226 (3/1.5) Graphic Art	
Total (Optional Sessional)		1.5	1.5			
CORE THEORY	History & Theory	ARCH 131 (2/2) Architecture of Ancient Civilization	ARCH 231 (2/2) Architecture of Western World	ARCH 235 (2/2) Architecture of Modern Period		
		ARCH 133 (2/2) Design Theory				
	Housing & Urbanization					
	Environment		ARCH 155 (2/2) Climate and Design	ARCH 251 (2/2) Visual Environment	ARCH 255 (2/2) Architectural Acoustics	
	Technology		ARCH 165 (2/2) Building & Finish Material	CE 265 (2/2) Structure I	CE 267 (2/2) Structure II	
General	MATH 111 (2/2) Mathematics	ARCH 175 (2/2) Art History		HUM 231 (2/2) Philosophy		
	PHY 115 (3/3) Physics	HUM 147 (2/2) Introduction to Sociology				
Total in Core Theory	9	8	6	8		
OPTIONAL THEORY	Optional Theory BLOCK A					
	L-1, T-IV L-1, T-IV L-2, T-V L-2, T-IV L-3, T-I: Students will be allowed to take 5 courses (1 course per term) out of the 12 courses below.					
	Professional courses		GED courses			
	Group 1	1 ARCH 601 Ergonomics 2 ARCH 603 Design in the Tropics	5 HUM 701 Principles of Economics 6 ARCH 703 Art Appreciation 7 HUM 705 English 8 ARCH 707 Music Appreciation			
Group 2	3 ARCH 605 Building Technology 4 ARCH 607 Fire Safety Design	9 HUM 709 Human Psychology and Environment 10 HUM 711 Literature Studies 11 HUM 713 Anthropology 12 ARCH 715 Aesthetics				
Total in Optional Theory					18	
Suggested Full Load with (including optional theory) in level, term		20	17.5	19	19.5	

LEVEL - 3		LEVEL - 4		LEVEL - 5		Total
TERM I	TERM II	TERM I	TERM II	TERM I	TERM II	
ARCH 302 (12/8) Design Studio V	ARCH 304 (12/8) Design Studio VI	ARCH 402 (12/8) Design Studio VII	ARCH 404 (12/8) Design Studio VIII	ARCH 502 (15/10) Design Studio IX	ARCH 504/506 (15/10) Design Studio X/XI	80
	ARCH 314 (6/3) Working Drawing		ARCH 414 (3/1.5) Landscape Design Studio	ARCH 512 (6/3) Specification and Cost Estimate	CE 500 (3/1.5) Preliminary Structural Design Sessional	18
			ARCH 416 (6/3) Professional Training			
8	11	8	12.5	13	11.5	98
ARCH 322 (3/1.5) Digital Communication in Architecture-II		ARCH 422 (3/1.5) Environmental Simulation	ARCH 426 (3/1.5) Digital Communication in Architecture-III	ARCH 522 (3/1.5) Seminar		
ARCH 324 (3/1.5) Sculpture		ARCH 424 (3/1.5) Construction and Materials	ARCH 428 (3/1.5) Interior Design Studio	HUM 524 (3/1.5) Technical Writing & Verbal Communication		
1.5		1.5	1.5	1.5		9
ARCH 331 (2/2) Architecture of Indian Sub Continent	ARCH 335 (2/2) Architecture of Bengal			ARCH 531 (2/2) Architecture of Contemporary World		
				ARCH 533 (2/2) Architectural Theory		
	ARCH 345 (2/2) Fundamentals of Urban Design	ARCH 441 (2/2) Housing				
ARCH 351 (2/2) Landscape Design					ARCH 565 (2/2) Professional Practice	
CE 365 (2/2) Structure III	CE 272 (2/2) Plumbing	CE 467 (2/2) Structure IV				
EEE 373 (2/2) Electrical and Electronic Installation for Buildings	ME 365(N) (2/2) Mechanical Equipments					
		PLAN 411 (2/2) Basic Planning			HUM 511 (2/2) Principles of Management	
8	8	8	0	4	4	63
Optional Theory BLOCK B						
L-3, T-IV L-4, T-IV L-5, T-IV L-5, T-II: Students will be allowed to take 4 courses (1 course per term) out of the 16 optional courses below.						
Professional courses		GED courses				
13 ARCH 801 Interior Design 14 PLAN 803 Traffic & Transportation 15 ARCH 805 Educational Facilities Planning and Design	16 ARCH 807 Theories and Practice of Urban Design 17 ARCH 809 Health Facilities Planning and Design 18 ARCH 811 Vernacular Architecture	25 ARCH 901 Society, Culture and Architecture 26 HUM 903 Ecology and Sustainable Development				
19 ARCH 813 Architectural Conservation 20 ARCH 815 Industrial Building Design 21 ARCH 817 Construction Management	22 ARCH 819 Commercial Buildings Planning and Design 23 PLAN 821 Theory & Practice of Planning 24 PLAN 823 Rural Planning	27 HUM 905 Cost and Financial Accounting 28 HUM 907 Development Studies				
19.5	21	19.5	14	20.5	17.5	188.0

N.B. In the table read content as order: Course Number - (Contact Hour/Credit Hour) - Course Title