

SYLLABUS

Bachelor of Architecture, Sonargaon University (SU).

1st Year 1st Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 1102	Design Studio I	--	--	09.0	6.00	6.00
	02	Arch 1112	Architectural Graphics I	--	--	03.0	1.50	1.50
	03	Arch 1141	Art & Architecture I	02.0	02.00	--	--	2.00
	04	Hum 1161	Fundamentals of English	02.0	02.00	--	--	2.00
	05	Hum 1163	Sociology	02.0	02.00	--	--	2.00
	06	Phy 1161	Physics for Architects	02.0	02.00	--	--	2.00
	07	Arch 1171	Aesthetics & Design I	02.0	02.00	--	--	2.00
Total Core				10.0	10.00	12.0	7.50	17.50
Total Elective				--	--	--	--	--
Total (Core + Elective)				10.0	10.00	12.0	7.50	17.50

Total Contact hrs.: 10.0 (T) + 12.0 (S) = 22.0 hrs./ week

Total Credits : 17.50

No. of Theory Courses :05

No. of Sessional Courses :02

1st Year 2nd Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total Credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 1202	Design Studio II (Preq.: Arch 1102)	--	--	09.0	06.00	06.00
	02	Arch 1212	Architectural Graphics II	--	--	03.0	01.50	01.50
	03	Arch 1241	Environment & Design I: Climate & Design	02.0	02.00	--	--	02.00
	04	Math 1261	Mathematics	02.0	02.00	--	--	02.00
	05	Hum 1261	History of the emergence of Bangladesh	03.0	03.00	--	--	03.00
Total Core				07.0	07.00	12.0	07.50	14.50
Elective Courses	06	Arch 1222	Computer Graphics & Application I	Select any one course		03.0	01.50	01.50
		Arch 1224	Product Design					
	07	Arch 1226	Free Hand Drawing	Select any one course		03.0	01.50	01.50
		Arch 1228	Graphic Reproduction					
	08	Arch 1281	Art Appreciation	02.0	02.00	Select any one course		02.00
		Arch 1283	Music Appreciation					
Total Elective				02.0	02.00	06.0	03.00	05.00
Total (Core + Elective)				09.0	09.00	18.0	10.50	19.50

Total Contact hours: 09.0 (T) + 18.0 (S) = 27.0 hrs./ week

Total Credits : 19.50

No. of Theory Courses :04

No. of Sessional Courses :04

2nd Year 1st Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 2102	Design Studio III (Preq.: Arch 1202)	--	--	12.0	08.00	08.00
	02	Arch 2141	Art & Architecture II	02.0	02.00	--	--	02.00
	03	Arch 2151	Building & Finish Materials	02.0	02.00	--	--	02.00
	04	CE 2151	Structure I	02.0	02.00	--	--	02.00
	05	Arch 2171	Aesthetics & Design II	02.0	02.00	--	--	02.00
Total Core				08.0	08.00	12.0	08.00	16.00
Elective Courses	06	Arch 2122	Computer Graphics & Application II	Select any one course		03.0	01.50	01.50
		Arch 2124	Computational Design					
	07	Arch 2126	Graphic Art	Select any one course		03.0	01.50	01.50
		Arch 2128	Architectural Graphics III					
	08	Arch 2181	Ecology & Ecosystem	02.0	02.00	Select any one course		02.00
		Arch 2183	Tropical Architecture					
Total Elective				02.0	02.00	06.0	03.00	05.00
Total (Core + Elective)				10.0	10.00	18.0	11.00	21.00

Total Contact hrs.: 10.0 (T) + 18.0 (S) = 28.00 hrs./ week
Total Credits : 21.00

No. of Theory Courses :05
No. of Sessional Courses :03

2nd Year 2nd Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total Credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 2202	Design Studio IV (Preq.: Arch 2102)	--	--	12.0	08.00	08.00
	02	Arch 2241	Environment and Design II: Visual & Sonic Environment	02.0	02.00	--	--	02.00
	03	Arch 2243	Art & Architecture III	02.0	02.00	--	--	02.00
	04	CE 2251	Structure II	02.0	02.00	--	--	02.00
	05	Ban 2261	বাংলা ভাষা ও সাহিত্য (Bengali Literature and Language)	02.0	02.00	--	--	02.00
Total Core				08.0	08.00	12.0	08.00	16.00
Elective Courses	06	Arch 2222	Computer Technology & Simulation	Select any one course		03.0	01.50	01.50
		Arch 2224	Architectural Model Making					
	07	Arch 2226	Photography	Select any one course		03.0	01.50	01.50
		Arch 2228	Digital Presentation					
	08	Arch 2281	Building Technology	02.0	02.00	Select any one course		02.00
		URP 2281	Urban Anthropology					
Total Elective				02.0	02.00	06.0	03.00	05.00
Total (Core + Elective)				10.0	10.00	18.0	11.00	21.00

Total Contact hours: 10.0 (T) + 18.0 (S) = 28.0 hrs./ week
Total Credits : 21.00

No. of Theory Courses :05
No. of Sessional Courses :03

3rd Year 1st Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 3102	Design Studio V (Preq.: Arch 2202)	--	--	12.0	08.00	08.00
	02	Arch 3112	Working Drawing I: Construction Drawing	--	--	03.0	01.50	01.50
	03	Arch 3141	Art & Architecture IV	02.0	02.00	--	--	02.00
	04	ME 3151	Building Services I: Mechanical Equipment	02.0	02.00	--	--	02.00
	05	CE 3151	Structure III	02.0	02.00	--	--	02.00
	06	URP 3171	Theory & Practice of Planning	02.0	02.00	--	--	02.00
Total Core				08.0	08.00	15.0	09.50	17.50
Elective Courses	07	Arch 3122	Sculpture	Select any one course		03.0	01.50	01.50
		Arch 3124	Architectural Documentation & Portfolio					
	08	Arch 3181	Architecture & Society of Bengal	02.0	02.00	Select any one course		02.00
		Arch 3183	Vernacular Architecture & Settlement					
Total Elective				02.0	02.00	03.0	01.50	03.50
Total (Core + Elective)				10.0	10.00	18.0	11.00	21.00

Total Contact hrs.: 10.0 (T) + 18.0 (S) = 28.0 hrs./ week
 Total Credits : 21.00

No. of Theory Courses :05
 No. of Sessional Courses :03

3rd Year 2nd Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total Credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 3202	Design Studio VI (Preq.: Arch 3102)	--	--	12.0	08.00	08.00
	02	Arch 3241	Art & Architecture V	02.0	02.00	--	--	02.00
	03	CE 3251	Building Services II: Plumbing	02.0	02.00	--	--	02.00
	04	CE 3253	Structure IV	02.0	02.00	--	--	02.00
	05	Arch 3271	Urban design I	02.0	02.00	--	--	02.00
Total Core				08.0	08.00	12.0	08.00	16.00
Elective Courses	06	Arch 3222	Working Drawing II: Production Drawing	Select any one course		03.0	01.50	01.50
		Arch 3224	Construction Methods & Details					
	07	Arch 3226	Cost Estimation	Select any one course		03.0	01.50	01.50
		Arch 3228	Construction Workshop					
	08	Arch 3281	Interior Design	02.0	02.00	Select any one course		02.00
		Arch 3283	Industrial Building Design					
Total Elective				02.0	02.00	06.0	03.00	05.00
Total (Core + Elective)				10.0	10.00	18.0	11.00	21.00

Total Contact hours: 10.0 (T) + 18.0 (S) = 28.0 hrs./ week
 Total Credits : 21.00

No. of Theory Courses :05
 No. of Sessional Courses :03

4th Year 1st Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 4102	Design Studio VII (Preq.: Arch 3202)	--	--	12.0	08.00	08.00
	02	Arch 4141	Landscape Design	02.0	02.00	--	--	02.00
	03	EEE 4151	Building Services III: Electrical Equipment	02.0	02.00	--	--	02.00
	04	CE 4151	Structure V	02.0	02.00	--	--	02.00
	05	Arch 4171	Housing	02.0	02.00	--	--	02.00
Total Core				08.0	08.00	12.0	08.00	16.00
Elective Courses	06	Arch 4122	Interior Design Studio	Select any one course		03.0	01.50	01.50
		Arch 4124	Engineering Survey and Mapping					
	07	Hum 4181	Project Economics	02.0	02.00	Select any one course		02.00
		BA 4181	Statistics					
	08	Arch 4181	Urban Design- II	02.0	02.00	Select any one course		02.00
Arch 4183		Architectural Theory						
Total Elective				04.0	04.00	03.0	01.50	05.50
Total (Core + Elective)				12.0	12.00	15.0	09.50	21.50

Total Contact hrs.: 12.0 (T) + 15.0 (S) = 27.0 hrs./ week
 Total Credits : 21.50

No. of Theory Courses :06
 No. of Sessional Courses :02

4th Year 2nd Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total Credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 4202	Design Studio VIII (Preq.: Arch 4102)	--	--	12.0	08.00	08.00
	02	Arch 4232	Internship***	--	--	***	00.00	00.00
	03	Arch 4251	Research Methodology & Survey Technique	02.0	02.00	--	--	02.00
	04	Arch 4253	Architectural Conservation	02.0	02.00	--	--	02.00
Total Core				04.0	04.00	12.0+ ***	08.00	12.00
Elective Courses	05	Arch 4222	Landscape Design Studio	Select any one course		03.0	01.50	01.50
		Arch 4224	Design Appreciation					
	06	Hum 4281	Logic & Philosophy	02.0	02.00	Select any one course		02.00
		Hum 4283	Human Psychology & Environment					
	07	Arch 4281	Health Facilities Planning & Design	02.0	02.00	Select any one course		02.00
Arch 4283		Educational Facilities Planning & Design						
Total Elective				04.0	04.00	03.0	01.50	05.50
Total (Core + Elective)				08.0	08.00	15.0+ ***	09.50	17.50

Total Contact hours: 08.0 (T) + 15.0+ *** (S) = 23.0+ *** hrs./ week
 Total Credits : 17.50

No. of Theory Courses :04
 No. of Sessional Courses :03

Note: (***) refers 40 hours in 7.5 weeks

5th Year 1st Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 5102	Design Studio IX (Preq.: Arch 4202)	--	--	15.0	10.00	10.00
	02	Arch 5151	Specification	02.0	02.00	--	--	02.00
	03	Arch 5191	Construction Management	03.0	03.00	--	--	03.00
Total Core				05.0	05.00	15.0	10.00	15.00
Elective Courses	04	Arch 5122	Seminar (based on Thesis)	Select any one course		05.0	02.50	02.50
		Hum 5122	Technical Writing & Verbal Communication					
	05	Arch 5181	Green & Sustainable Architecture	02.0	02.00	Select any one course	02.00	
		Arch 5183	Disaster Resistant Buildings & Settlements					
Total Elective				02.0	02.00	05.0	02.50	04.50
Total (Core + Elective)				07.0	07.00	20.0	12.50	19.50

Total Contact hrs.: 07.0 (T) + 20.0 (S)= 27.0 hrs./ week
 Total Credits : 19.50

No. of Theory Courses :03
 No. of Sessional Courses :02

5th Year 2nd Semester

Course Type	Sl.	Course Code	Course Title	Theory (T)		Sessional (S)		Total Credits
				Contact hrs./ week	Credits	Contact hrs./ week	Credits	
Core Courses	01	Arch 5202	Design Studio X (Thesis) (Preq.: Arch 5102)	--	--	15.0	10.00	10.00
	02	Hum 5261	Accounting	02.0	02.00	--	--	02.00
	03	Arch 5291	Professional Practice	03.0	03.00	--	--	03.00
Total Core				05.0	05.00	15.0	10.00	15.00
Elective Courses	04	Arch 5222	Dissertation	Select any one course		03.0	01.50	01.50
		Arch 5224	Construction Document					
Total Elective				--	--	03.0	01.50	01.50
Total (Core + Elective)				05.0	05.00	18.0	11.50	16.50

Total Contact hrs.: 05.0 (T) + 18.0 (S)= 23.0 hrs./ week
 Total Credits : 16.50

No. of Theory Courses :02
 No. of Sessional Courses :02