

**Offered Course(s) of Fall-2022**  
**Faculty of Science and Technology**  
**Department of Civil Engineering**  
**Program: B.Sc. in Civil Engineering**  
**Degree Name: Bachelor of Science in Civil Engineering**

Year : **First** Semester : **Second**

SL	Course Code	Title	Credit	Pre-Requisite
1	CE-1203	Engineering Mechanics	3.00	
2	CE-1220	Engineering Drawing & Drafting Sessional	1.50	
3	EEE-1222	Basic Electrical Technology Sessional	1.50	
4	Hum-1241	English Language and Human Communication	3.00	
5	Hum-1242	English Language & Human Communication Sessional	0.75	
6	Hum-1243	Bangla Language	3.00	
7	Math-1231	Engineering Mathematics-I	3.00	
8	Phy-1233	Physics-II	3.00	
9	Phy-1234	Physics Sessional	0.75	
Theory : 15    Sessional : 4.5    Thesis/Project : 0			19.50	

Year : **Second** Semester : **First**

SL	Course Code	Title	Credit	Pre-Requisite
1	CE-2103	Mechanics of Solids-I	3.00	
2	CE-2111	Fluid Mechanics	3.00	
3	CE-2115	Engineering Materials	3.00	
4	CE-2116	Engineering Materials Sessional	1.50	
5	CE-2118	Quantity Surveying	1.50	
6	Chem-2135	Chemistry	3.00	
7	Chem-2136	Chemistry Sessional	0.75	
8	Hum-2145	History of the Emergence of Bangladesh	3.00	
9	Math-2131	Engineering Mathematics-II	3.00	
Theory : 18    Sessional : 3.75    Thesis/Project : 0			21.75	

Year : **Second** Semester : **Second**

SL	Course Code	Title	Credit	Pre-Requisite
1	CE-2203	Mechanics of Solids-II	3.00	
2	CE-2204	Mechanics of Solids Sessional	1.50	
3	CE-2209	Engineering Geology & Geomorphology	3.00	
4	CE-2211	Hydrology & Irrigation	3.00	
5	CE-2212	Fluid Mechanics Sessional	1.50	
6	CSE-2223	Numerical Analysis and Computer Programming	3.00	
7	CSE-2224	Computer Programming Sessional	1.50	
8	Math-2231	Engineering Mathematics-III	3.00	
Theory : 15    Sessional : 4.5    Thesis/Project : 0			19.50	

Year : **Third** Semester : **First**

SL	Course Code	Title	Credit	Pre-Requisite
1	CE-3101	Environmental Engineering-I	3.00	
2	CE-3103	Structural Analysis & Design-I	3.00	
3	CE-3105	Design of Concrete Structures-I	3.00	
4	CE-3109	Geotechnical Engineering-I	3.00	
5	CE-3104	Structural Analysis & Design-I Sessional	1.50	
6	CE-3111	Open Channel Flow	3.00	
7	Math-3131	Engineering Mathematics-IV	3.00	
8	CE-3102	Environmental Engineering-I Sessional	0.75	
9	CE-3110	Geotechnical Engineering-I Sessional	0.75	
10	CE-3112	Open Channel Flow Sessional	0.75	
Theory : 18    Sessional : 3.75    Thesis/Project : 0			21.75	