Naval Architecture and Marine Engineering
Bangladesh University of Engineering and Technology

CORE: NAME

01	NAME	Mechanics of Structure (with Sessional)
02	NAME	Fluid Mechanics (with Sessional)
03	NAME	Hydrostatics and Stability
04	NAME	Marine Hydrodynamics (with Sessional)
05	NAME	Heat Transfer
06	NAME	Shipbuilding Materials (with Sessional)
07	NAME	Ship Structure (with Sessional)
08	NAME	Theoretical Ship Design
09	NAME	Resistance and Propulsion of Ships (with Sessional)
10	NAME	Marine Engines and Fuels
11	NAME	Motion and Control
12	NAME	Theory of Machines
13	NAME	Marine Engineering (with Sessional)
14	NAME	Navigation and Maritime Regulations
15	NAME	Maritime System and Management
16	NAME	Marine Maintenance and Repair
17	NAME	Ship Construction
18	NAME	Welding Technology
19	NAME	Numerical Computations Sessional
20	NAME	Ship Design and Drawing 1 Sessional
21	NAME	Ship Design and Drawing 2 Sessional
22	NAME	Ship Design and Drawing 3 Sessional
23	NAME	Ship Design and Drawing 4 Sessional
24	NAME	Computer Aided Design (CAD) Sessional
25	NAME	Ship Design Project and Presentation 1 Sessional
26	NAME	Ship Design Project and Presentation 2 Sessional
27	NAME	Computer Programming in Ship Design 1 Sessional
28	NAME	Computer Programming in Ship Design 2 Sessional
29	NAME	Project and Thesis 1
30	NAME	Project and Thesis 2

CORE: SCINECE AND TECHNOLOGY

01	MATH	Differential Calculus and Integral Calculus
02	MATH	Coordinate Geometry and Ordinary Differential Equation
03	MATH	Vector Analysis and Differential Equations (Special Types)
04	MATH	Statistics, Partial Differential Equation and Matrices
05	MATH	Fourier Analysis, Harmonic Function, Complex Variable, Laplace Transforms
06	PHY	Structure of Matter, Electricity and Magnetism, Modern Physics (with Sessional)
07	PHY	Wave and Oscillations, Geometrical Optics, Wave Mechanics
08	CHE	Chemistry (with Sessional)
09	EEE	Electrical Engineering Principles
10	EEE	Electrical and Electronic Technology for Marine Engineers (with Sessional)
11	ME	Basic Thermal Engineering (with Sessional)
12	ME	Mechanical Engineering Drawing 1 Sessional
13	IPE	Engineering Management
14	SHOP	Machine Shop Sessional
15	SHOP	Foundry and Welding Shop Sessional

ELECTIVES 1 (Any One Course)

01	NAME	Finite Element Method for Ship Structure
02	NAME	Country Boats
03	NAME	Port and Harbor Engineering
04	NAME	Sea Waves and Spectral Analysis
05	NAME	Marine Pollution

ELECTIVES 2 (Any One Course)

01	NAME	Computational Fluid Dynamics
02	NAME	Design of Special Ships
03	NAME	Economic and Social Aspects of Marine Transportation System
04	NAME	Marine Acoustics

ELECTIVES 3 (Any Two Courses)

01	NAME	Advanced Ship Structure

02	NAME	Ship Vibration
03	NAME	Theory of Hydrofoils
04	NAME	Computer Aided Ship Production
05	NAME	Fishing Vessel Technology
06	NAME	Computer Aided Ocean Structure Analysis
07	NAME	Dredger and Dredging Technology
08	NAME	Optimization Methods in Ship Design
ELECTIVES 4 (Any Two Courses)		
01	NAME	Power and Propulsion System
02	NAME	Ship Performance
03	NAME	Optimum Structural Design
04	NAME	Hydro-elasticity
05	NAME	Control Engineering
06	NAME	Marine Production and Planning
07	NAME	Shipyard Management
08	NAME	Design of Inland Waterways Transportation System