

CURRICULUM BACHELOR OF SCIENCE in MARINE ENGINEERING

FIRST YEAR- FIRST SEMESTER		
Course Code	Course Title	Units
Draw	Maritime Drawing & Diagrams	1
Ma Shop	Hand & Measuring Tools	2
Electro	Basic Electricity	4
E Mat	Engineering Materials	4
**ICT	Software Applications and Network Systems used in Seagoing Ship	2
GMATHICS (Elec)	Basic Gymathics	(3)
GEC - MATH	Mathematics in the Modern World	3
NSTP-CWTS	National Service Training Program-Civic Welfare Training Service 1	3
PE	Basic Swimming	2
	TOTAL	21 (3)

FIRST YEAR- SECOND SEMESTER		
Course Code	Course Title	Units
Electro	Basic Electronics	4
Ma Shop	Machining Tools	2
NA	Naval Architecture For Marine Engineering	4
Thermo	Thermodynamics	4
Mech	Mechanics & Hydromechanics	3
MarPhysics	Maritime Physics	3
NSTP-CWTS	National Service Training Program-Civic Welfare Training Service 2	3
PE	Advanced Swimming	2
GMATHICS (Elec)	Advance Gymathics	3
	TOTAL	28

SECOND YEAR-FIRST SEMESTER		
Course Code	Course Title	Units
MTP	Maritime Training Program 1	(2)
Chem	Industrial Chemistry & Tribology	3
Electro	Marine Electricity and Electrical Maintenance	5
Ma Shop	Gas and Electric Welding	2
Aux Mach	Auxiliary Machinery 1	6
GEC - PCOM	Purposive Communication	3
MaRe	Maritime Research	3
PE	Dual Sports	2
GEC - ETHICS	Maritime Ethics	3
	TOTAL	27 (2)

SECOND YEAR- SECOND SEMESTER		
Course Code	Course Title	Units
MTP	Maritime Training Program 2	(2)
Aux Mach	Auxiliary Machinery 2	5
Auto	Basic Control Engineering	4
GEC - TCW	The Contemporary World	3
GEC - RPH	Readings in Philippine History	3
GEC ART	Art Appreciation	3

Fil	Komunikasyon sa Akademikong Filipino	3
GEC-UTS	Understanding the self	3
PE	Team Sports	2
TOTAL		26 (2)

THIRD YEAR- FIRST SEMESTER		
Course Code	Course Title	UNITS
BT	Basic Training	(2)
MTP	Maritime Training Program 3	5
Power P	Power Plant Diesel	3
Power P	Propulsion Ancillary Sys & Gas Turbine (PASGT)	6
Power P	Power Plant Steam	3
E Watch	Engine Watchkeeping	3
FL	Foreign Language	3
Fil	Pagbasa at Pagsulat Tungo sa Pananaliksik	(4)
SBTE	Shipboard Training Enrichment 1	(2)
TOTAL		23 (6)

THIRD YEAR- SECOND SEMESTER		
Course Code	Course Title	UNITS
MTP	Maritime Training Program 4	(2)
Auto	Marine Automation 2	4
Mar Env	Protection of the Marine Environment	3
E Watch	Engine Watchkeeping and Resource Mgmt	1
Mgmt	Integrated Management System	2
Maint	Maintenance & Repair	3
Mar Law	Maritime Law	4
Rizal	Life and Works of Rizal	3
Mgmt	Leadership & Teamwork	3
GEC STS	Science, Technology & Society	(3)
TOTAL		23(5)

FOURTH YEAR		
Course Code	Course Title	UNITS
Shipboard Training	One-Year Seagoing Service, documented in an approved Onboard Training Record Book and includes at least six (6) months of Engine Watchkeeping Duties	40
SBTE	Shipboard Training Enrichment 2 (with Competency Assessment)	4
TOTAL		210

Effectivity AY 2020-2021