NUE Curriculum **Last update : 14 October 2009**

Course Code	CEE	ENE	MS	MSB	Cross-Ref	Course Offered	2009-10				2010-11				2011-12			
							S1	S2	SP1	SP2	S1	S2	SP1	SP2	S1	S2	SP1	SP2
First Year																		
MT1101			x	x		Mathematics I for Maritime Studies		x				x				x		
MT1201			x	x		Transport Liability and INCO Terms		x				x				x		
MT1202			x	x		Introduction to Maritime Industry	x				x				x			
MT1301			x	x		Maritime Technology I		x				x				x		
MB101			x			Accounting (Offer by NBS)	x				x				x			
MB106			x			Fundamentals of Management (Offer by NBS)	x				x				x			
MB107			x			Fundamentals of Business Law (Offer by NBS)		x				x				x		
AA101				x		Accounting I (Offer by NBS)	x				x				x			
AB102				x		Financial Mgt (Offer by NBS)	x				x				x			
AB105				x		Organisation Behaviour and Design (offer by NBS)		x				x				x		
AB106				x		Principles of Economics (Offer by NBS)		x				x				x		
AB107				x		Business Law (Offer by NBS)	x				x				x			
AB112				x		Marketing (Offer by NBS)		x				x				x		
AB113				x		Information Technology (Offer by NBS)	x				x				x			
HE191	x	x				Principles of Economics (Offer by LCC)	x				x				x			
HE191			x			Principles of Economics (Offer by LCC)		x				x				x		
HW001	x	x	x			English Proficiency (Offer by LCC)	x				x				x			
HW110			x	x		Effective Communication (Offer by LCC)	x				x				x			
HW110	x	x				Effective Communication (Offer by LCC)		x				x				x		
Second Year																		
AA102				x		Accounting II	x				x				x			
BM211				x		International Business Environment	x				x				x			
AC208				x		Company Law		x				x				x		
CV2000	x	x				Essential of Mathematics	x				x				x			
CV2001	x	x			MT2301	Engineering Probability and Statistics	x				x				x			
CV2002	x	x				Computational Methods		x				x				x		
CV2003	x					CE Materials		x				x				x		
CV2101	x	x				Mechanics of Materials	x				x				x			
CV2102	x	x				Structures I		x				x				x		
CV2301	x					Soil Mechanics	x				x				x			
CV2302	x					Geotechnical Engineering		x				x				x		
CV2601	x	x				Fluid Mechanics	x				x				x			
CV2602	x					Water Resources Engineering		x				x				x		
CV2701	x	x				Lab 2A	x				x				x			
CV2702	x					Lab 2B		x				x				x		
CV2901	x					Engineering Drawing and Measurement	x				x				x			
CV2901		x				Engineering Drawing and Measurement		x				x				x		
CV2902	x	x				Engineering Innovation & Design		x				x				x		
HW210		x				Technical Communication (Offer by LCC)	x				x				x			
HW210	x		x	x		Technical Communication (Offer by LCC)		x				x				x		
EN2501		x				Environmental Chemistry	x				x				x			
EN2502		x				Environmental Processes		x				x				x		
EN2503		x				Environmental Microbiology		x				x				x		
EN2603		x			CL461	Hydrology		x				x				x		
EN2703		x				Lab 2C		x				x				x		
MT2101			x	x		Mathematics II for Maritime Studies	x				x				x			
MT2201			x	x		Shipping Economics	x				x				x			
MT2301			x	x	CV2001	Statistics	x				x				x			
MT2204			x	x		Shipping Management		x				x				x		
MT2205			x	x		Port Economics		x				x				x		
MT2206			x	x		International Framework of Shipping		x				x				x		
MT2302			x	x		Maritime Science I		x				x				x		
MT3301			x	x		Maritime Technology II	x				x				x			
MT3304			x			Information Technology Management	x				x				x			
Third Year																		
BC206				x		Financial Analytics and Reporing						x				x		
CV3101	x					Structures II	x				x				x			
CV3201	x					RC Design	x				x				x			
CV3202	x					Steel Design	x				x				x			
CV3301	x					Foundation Engineering	x				x				x			
CV3401	x					Transportation Engineering	x				x				x			
CV3501	x					Environmental Engineering	x				x				x			
CV3901	x					Industrial Attachment		x				x				x		
EN3502		x			CV4551	Water Supply Engineering	x				x				x			
EN3503		x			CV4552	Wastewater Engineering	x				x				x			
EN3504		x			CV4553	Solid Waste Management	x				x				x			
EN3505		x				Geo-Environmental Engineering	x				x				x			
EN3601		x				Hydraulics	x				x				x			
CV3203		x				Structural Design	x				x				x			
EN3901		x				Industrial Attachment		x				x				x		
MT2202			x	x		Ship Accounting (offer at BI)	x				x				x			
MT2203			x	x		Organisation of a Ship Owning Entity (offer at BI)	x				x				x			
MT3201			x	x		Ship Chartering		x				x				x		
MT3202			x	x		Maritime Law (offer at BI)	x				x				x			
MT3203			x	x		Introduction to Marine Insurance (offer at BI)	x				x				x			
MT3204			x	x		Quality Management in Shipping		x				x				x		
MT3302			x	x	EM101	Maritime Science II		x				x				x		
MT3303			x	x	CV8801	Spatial Information Science		x				x				x		
MT3401			x	x		Industrial Immersion		x				x				x		
MT3502			x			Maritime Professionals and Society		x				x				x		
Fourth Year																		
BH331				x		Cultural Intelligence at Work										x		
CL144						Principles of Law (offer by NBS)												
CL411					CV4151	Structures III												

CL423					CV4251	CE Construction Technology														
CV4000	x	x				Engineers & Society	x	x			x	x			x	x				
CV4201	x	x				CE Management	x				x				x					
CV4202	x	x			MT4502	Human Resources Management and Entrepreneurship		x				x				x				
CV4901	x				CL491, CV49	Final Year Project	x				x				x					
CV4902	x					Integrated Design	x				x				x					
HW310			x			Professional Communication (Offer by LCC)	x				x				x					
HW310	x	x		x		Professional Communication (Offer by LCC)		x				x				x				
EN4901		x				Final Year Project	x				x				x					
EN4902		x				Integrated Design	x				x				x					
MT3502				x		Maritime Professionals and Society										x				
MT4201			x	x		Shipping Logistics	x				x				x					
MT4202			x	x		Essentials of Project Management	x				x				x					
MT4203			x	x		Shipping Strategy	x				x				x					
MT4401			x	x		Research Project	x				x				x					
MT4351				x		Intermodal Transportation									x					
MT4352				x		Distribution and Warehousing										x				
MT4353				x		Port Planning and Operations										x				
MT4502			x	x	CV4202	Human Resources Management and Entrepreneurship		x				x				x				
Environmental Management Minor (GER-UE)																				
EM101					MT3302	Environmental Quality		x				x				x				
EM103						Water Resources Management			x				x						x	
EM104						Air Quality Management	x				x				x					
EM105						Energy Resources Management	x				x				x					
EM106						Environmental Impact Assessment				x				x						x
EM107						Environmental Health and Safety		x				x				x				
EM108						Urban Planning and Environment														
Prescribed electives																				
CV4151	x				CL411	Structures III	x													
CV4152	x					Advanced Steel Structures	x													
CV4254	x					Prestressed Concrete														
CV4752	x					Offshore Engineering		x												
CV4251	x	x			CL423	CE Construction Technology		x												
CV4252	x	x			MT4252	Engineering Economics & Finance	x	x												
CV4352	x					Excavation & Retaining Walls	x													
CV4353	x					Ground Engineering		x												
CV4451	x					Traffic Engineering														
CV4452	x					Highway Engineering		x												
CV4453	x					Airport Engineering		x												
CV4551	x				EN3502	Water Supply Engineering	x													
CV4552	x				EN3503	Wastewater Engineering	x													
CV4553	x				EN3504	Solid Waste Management	x													
CV4652	x	x				Applied Hydrology		x												
CV4653	x	x				Sediment Transport														
CV4751	x	x				Coastal Engineering		x												
CV4753	x					Offshore Hydrodynamics														
EN4554	x	x			CV4554	Air Pollution Control Engineering		x												
EN4555	x	x			CV4555	Surface Water Quality	x													
EN4556		x				Membrane Water Reclamation Technology		x												
EN4559		x				Biotechnology in Environmental Engineering														
EN4651	x	x			CV4651	Environmental Hydraulics	x													
EN4852		x				Integrated Environmental Management	x													
MT4252			x		CV4252	Engineering Economics & Finance	x													
MT4351			x			Intermodal Transportation	x													
MT4352			x			Distribution and Warehousing		x												
MT4353			x			Port Planning and Operations		x												
General Educational Requirements (GER-PE or GER-UE)																				
CV8801					MT3303	Spatial Information Science		x												
CV8802						Architecture Appreciation in CE														
CV9803						Special Topics 3 in Civil and Environmental Engineering														
CV9804						Special Topics 2 in Civil and Environmental Engineering														
CV9805						Special Topics 1 in Civil and Environmental Engineering														
CV4252					MT4252	Engineering Economics & Finance														
MT1202						Introduction to Maritime Industry														
						URECA														