

CHOICE BASED CREDIT SYSTEM – REGULATION & CURRICULUM (2017 -18)

(With effect from the Academic year 2017-2018)

COURSE NAME		: B.Sc - Nautical Science					
SEMESTER		: FIRST					
Sl. No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	UBLE 101	English and Communication Skills –I	2	2	0	0	100
2	UCMT101	Nautical Mathematics – I	4	4	0	0	100
3	UCPH101	Nautical Physics & Electronics – I	2	2	0	0	100
4	UBIT201	Foundation Of Information Technology	2	0	0	4	100
5	UCNS102	Ship Construction -1	2	2	0	0	100
6	UCNS103	Ship Operation Technology – I	2	2	0	0	100
7	UCNS104	Cargo Handling and Stowage – I	3	3	0	0	100
8	UCNS1PA	Chart Work, Voyage Plann., Col. Prevnt.-I	2	0	0	3	100
9	UCNS1PB	Ship Operation Technology Laboratory – I	1	0	0	2	100
10	UBPH1PA	Nautical Physics & Electronics Laboratory – I	1	0	0	2	100
11	UBLECPB	Spoken English – I	2	0	0	4	100
12	UBSPCPA	PT/Parade/Games-I	1	0	0	0	100
TOTAL			23	15	0	15	
TOTAL: 30 Periods / Week							

*Foundation of Information Technology got shifted from Sem-II to Sem-I

Approved by Academic Council on	Regulation C (2017)
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CHOICE BASED CREDIT SYSTEM – REGULATION & CURRICULUM (2017 -18)

(With effect from the Academic year 2017-2018)

COURSE NAME		: B.Sc - Nautical Science					
SEMESTER		: SECOND					
Sl.	SUB						
No	CODE	SUBJECT TITLE	C	L	T	P	M
1	UBLE201	English and Communication Skills - II	2	2	0	0	100
2	UCMT201	Nautical Mathematics - II	4	4	0	0	100
3	UBPH201	Nautical Physics & Electronics - II	2	2	0	0	100
4	UCNS101	Navigation - I	4	4	0	0	100
5	UCNS201	Bridge Equipment & Bridge Resource Mgmt-I	2	2	0	0	100
6	UCNS202	Ship Construction - II	3	3	0	0	100
7	UCNS2PA	Chart Work, Voyage Plann., Col. Prevnt.-II	2	0	0	4	100
9	UCNS2PB	Ship Operation Technology – Laboratory - II	2	0	0	3	100
10	UBPH2PA	Nautical Physics & Electronics Laboratory - II	2	0	0	2	100
11	UCLECPC	Spoken English - II	2	0	0	4	100
12	UCSPCPB	PT/Parade/Games-II	1	0	0	0	100
		TOTAL	26	17	0	13	
		TOTAL: 30 Periods / Week					

***Pre- sea modular courses which is mandatory as per standards of training certification and watch keeping (STCW convention 1978 as amended in Manila 2010) will be conducted for 14 days in a row during this semester.**

CHOICE BASED CREDIT SYSTEM – REGULATION & CURRICULUM (2016 -17)

(With effect from the Academic year 2016-2017)

COURSE NAME		: B.Sc - Nautical Science					
SEMESTER		: THIRD					
Sl.	SUB		C	L	T	P	M
No	CODE						
		SUBJECT TITLE					
1	UCNS301	Navigation – II	3	3	0	0	100
2	UCNS302	Bridge Equipment & Bridge Resource Mgt-II	3	3	0	0	100
3	UCNS303	Ship Stability – I	3	3	0	0	100
4	UCNS304	Ship Operation Technology - II	2	2	0	0	100
5	UCNS305	Cargo Handling And Stowage - II	3	3	0	0	100
6	UCNS306	International Conventions - I	3	3	0	0	100
7	UBME302	Marine Engr. Automation Control System-I	2	2	0	0	100
8	UCNS3PA	Chart Work, Voyage Plann., Col.Prevnt.-III	2	0	0	4	100
9	UCNS3PB	Ship Operation Technology Laboratory-III	2	0	0	3	100
10	UBWS4PA	Marine Workshop Practice - I	1	0	0	2	100
11	UBLECPD	Spoken English – III	2	0	0	2	100
12	UBSPCPC	PT/Parade/Games-III	1	0	0	0	100
TOTAL			27	19	0	11	
TOTAL: 30 Periods / Week							

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(With effect from the Academic year 2017-2018)

COURSE NAME		: B.Sc - Nautical Science					
SEMESTER		: FOURTH					
Sl.	SUB		C	L	T	P	M
No	CODE						
		SUBJECT TITLE					
1	UCNS401	Navigation - III	3	3	0	0	100
2	UCNS402	Bridge Equipment & Bridge Resource Mgt-III	3	3	0	0	100
3	UCNS403	Ship Stability - II	3	3	0	0	100
4	UCNS404	Ship Operation Technology – III	3	3	0	0	100
5	UCNS405	Cargo Handling And Stowage – III	3	3	0	0	100
6	UCNS406	Meteorology – I	4	4	0	0	100
7		Core Elective Course-I	2	2	0	0	100
8	UCNS407	Marine Law and Insurance	3	3	0	0	100
9	UBWS5PA	Marine Workshop Practice – II	1	0	0	2	100
10	UCNS4PB	Simulator – Laboratory - I	1	0	0	2	100
11	UBLECPE	Spoken English - IV	2	0	0	2	100
12	UBSPCPD	PT/Parade/Games-IV	1	0	0	0	100
		TOTAL	29	24	0	6	
CORE ELECTIVE COURSES-I:							
1	UBNS409	Polar Navigation	2	2	0	0	100
2	UBNS410	Marine Research Skills	2	2	0	0	100
		TOTAL: 30 Periods / Week					

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COURSE NAME		B.Sc - Nautical Science					
SEMESTER		FIFTH					
Sl. No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	UCNS501	Bridge Equipment & Bridge Resource Mgt-IV	3	3	0	0	100
2	UCNS502	Ship Stability – III	3	3	0	0	100
3	UCNS503	Ship Operation Technology - IV	2	2	0	0	100
4	UCNS504	Cargo Handling And Stowage - IV	3	3	0	0	100
5	UCNS505	Meteorology – II	4	4	0	0	100
6	UCNS506	Maritime Commerce	3	3	0	0	100
7	UCNS507	International Convention - II	2	2	0	0	100
8		Core Elective Course-II	2	2	0	0	100
9		Open Elective Course-I	2	2	0	0	100
10	UCNS5PA	Simulator – Laboratory - II	1	0	0	2	100
11	UCNS5PB	Marine Workshop Practice - III	1	0	0	2	100
12	UCLECPF	Personality Development Programme - I	1	0	0	2	100
13	UCSPCPE	PT/Parade/Games-V	1	0	0	0	100
TOTAL			28	24	0	06	
CORE ELECTIVE COURSES – II							
1	UBNS510	Satellite Communication	2	2	0	0	
2	UCNS513	Marine Accident Investigations	2	2	0	0	
OPEN ELECTIVE COURSES – I							
1	UBNS512	Marine and Maritime Employment	2	2	0	0	
2	UBNS511	Marine Environment	2	2	0	0	
TOTAL: 30 Periods / Week							

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COURSE NAME		: B.Sc - Nautical Science					
SEMESTER		: SIXTH					
SI. No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	UCNS601	Navigation – IV	3.	3	0	0	100
2	UCNS602	Bridge Equipment & Bridge Resource Mgt-V	2	2	0	0	100
3	UCNS6PA	Chart Work, Voyage Plann., Col.Prevnt.-V	2	0	0	3	100
4	UCNS603	Ship Operation Technology – V	2	2	0	0	100
5	UCNS604	Cargo Handling And Stowage – V	3	3	0	0	100
6	UCNS605	Maritime management	2	2	0	0	100
7	UCNS606	Ship Stability-IV	3	3	0	0	100
8	UBBTCO2	Marine Environmental Protection & Environmental Studies	2	2	0	0	100
9	UCME601	Marine Engr.Auto. Control Systems – II	3	3	0	0	100
10	UCNS6PB	Ship Board Orientation training	1	0	0	2	100
11	UCNS6PC	Simulator – Laboratory– III	1	0	0	2	100
12	UCNS6PD	Ship Operation technology – Laboratory - III	2	0	0	3	100
13	UBSPCPF	PT/Parade/Games-VI	1	0	0	0	100
TOTAL			27	20	0	10	
TOTAL: 30 Periods / Week							

Approved by Academic Council on 28/04/2017	
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