

NAVIGATION - undergraduate (1st cycle/Bachelor) programme

1st year	hrs/ week	2nd year	hrs/ week	3rd year	hrs/ week		4th year	hrs/ week	
					sem.1	sem.2		sem.1	sem.2
English	3	Navigation	5.5	Navigation	5	practical onboard training	Spanish (German)		5
Navigation	3.5	Ship Construction and Stability	4.5	Maritime Search and Rescue	4		Operation of Oil Tankers and Gas Carriers		5
Aids to Navigation	3.5	English	2.5	Marine Communication	3		Navigation		4
Health and Safety on Board Ships	3	Aids to Navigation	2	Cargo Handling	3		Operation of Bulk Carriers		3
Mathematics	3	Marine Communication	2	Ship Safety	3		Liner Shipping		3
Ship Construction and Stability	2.5	Cargo Handling	2	Ship Manoeuvring	2.7		English		2
Physics	2.5	Maritime Law	2	English	2		Safety of Navigation		1
Computer science	2	Mathematics	1.5	Marine Power Plants	2		Physical Education		1
Electrical and Electronic Engineering	2	Meteorology and Oceanography	1.5	Automation	2		Intellectual Property Protection		1
Machine Construction and Engineering Graphics	1.5	Safety of Navigation	1.5	Ship Management	2		Diploma Seminar		1
Meteorology and Oceanography	1.5	Ship Manoeuvring	1	Ship Surveys Maintenance and Repairs	2				
Chemistry	1	Marine Environment Protection	1	Ship Inspections	2				
Information Technology	1	Physical Education	1	Aids to Navigation	2				
Physical Education	1	Ship Surveys Maintenance and Repairs	1	Diploma Seminar	1				
Maritime Transport Security	1	Ship Management	1	Physical Education	1				
Introduction to Economics	0.5	Geographic Information System	1						
Safety of Navigation	0.5	Introduction to Maritime Sociology	0.5						
Ergonomics	0.5	Port Infrastructure	0.5						
Transport Systems	0.5	Technical Fleet Operation	0.5						
Psychology of Human Behaviour	0.5	Operation of Oil Tankers and Gas Carriers	0.5						
		Liner Shipping	0.5						
		Pilotage	0.5						

