

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Naval Architecture	I	1	Mathematical analysis	5
Naval Architecture	L	Naval Architecture	I	2	Linear algebra, analytic and differential geometry	5
Naval Architecture	L	Naval Architecture	I	1,2	Computer programming and programming languages	8
Naval Architecture	L	Naval Architecture	I	1,2	Mechanics	8
Naval Architecture	L	Naval Architecture	I	2	Technical drawing and computer aided design	4
Naval Architecture	L	Naval Architecture	I	2	Numerical methods	3
Naval Architecture	L	Naval Architecture	I	1	Physics	4
Naval Architecture	L	Naval Architecture	I	1	Chemistry	3
Naval Architecture	L	Naval Architecture	I	1	Descriptive geometry and technical drawing	4
Naval Architecture	L	Naval Architecture	I	2	Electrical Engineering	4

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Naval Architecture	I	1,2	English	4
Naval Architecture	L	Naval Architecture	I	1,2	Physical education	(2)
Naval Architecture	L	Naval Architecture	I	2	Fluid mechanics	4
Naval Architecture	L	Naval Architecture	I	1	Science and engineering of materials	4
						60+(2)
Naval Architecture	L	Naval Architecture	II	3	Special mathematics	4
Naval Architecture	L	Naval Architecture	II	4	Preliminary ship design	4
Naval Architecture	L	Naval Architecture	II	3,4	Theory of ship	8
Naval Architecture	L	Naval Architecture	II	3,4	Ship construction	8
Naval Architecture	L	Naval Architecture	II	3,4	Strength of materials	8
Naval	L	Naval Architecture	II	4	Naval machine parts	4

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Architecture						
Naval Architecture	L	Naval Architecture	II	3	Technical drawing and computer aided design	4
Naval Architecture	L	Naval Architecture	II	3,4	English	4
Naval Architecture	L	Naval Architecture	II	3,4	Physical education	4
Naval Architecture	L	Naval Architecture	II	4	Internship	2
Naval Architecture	L	Naval Architecture	II	3	Thermal Engineering	3
Naval Architecture	L	Naval Architecture	II	3,4	Computing techniques in shipbuilding	7
						60
Naval Architecture	L	Naval Architecture	III	5	Ship resistance	5
Naval Architecture	L	Naval Architecture	III	6	Hydrodynamics of the ship	6
Naval Architecture	L	Naval Architecture	III	6	Board and deck systems and equipments	6

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Naval Architecture	III	6	Integrated ship design systems	6
Naval Architecture	L	Naval Architecture	III	5	Ship structures mechanics	4
Naval Architecture	L	Naval Architecture	III	5	Seakeeping	5
Naval Architecture	L	Naval Architecture	III	5,6	Finite element method in shipbuilding	8
Naval Architecture	L	Naval Architecture	III	5,6	Technology of ship hull manufacture	6
Naval Architecture	L	Naval Architecture	III	5	Ship manoeuvrability	4
Naval Architecture	L	Naval Architecture	III	6	Internship	2
Naval Architecture	L	Naval Architecture	III	5	General and local vibration of ship	5
Naval Architecture	L	Naval Architecture	III	6	Propeller theory	3
						60
Naval	L	Naval Architecture	IV	7,8	Management in shipbuilding	7

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Architecture						
Naval Architecture	L	Naval Architecture	IV	7	Marketing	4
Naval Architecture	L	Naval Architecture	IV	8	Naval Architecture	5
Naval Architecture	L	Naval Architecture	IV	7	Technology of ship hull manufacture	5
Naval Architecture	L	Naval Architecture	IV	7	Integrated ship hull design systems	4
Naval Architecture	L	Naval Architecture	IV	7,8	Unconventional offshore structures	9
Naval Architecture	L	Naval Architecture	IV	8	Ship testing	4
Naval Architecture	L	Naval Architecture	IV	8	Research and design activity	4
Naval Architecture	L	Naval Architecture	IV	8	Diploma project	-
Naval Architecture	L	Naval Architecture	IV	7	Technical ships	4
Naval	L	Naval Architecture	IV	7	Marine propulsion engines	4

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Architecture						
Naval Architecture	L	Naval Architecture	IV	8	Small ships	5
Naval Architecture	L	Naval Architecture	IV	8	Rules and conventions in naval architecture	5
						60
Naval Architecture	L	Ship Systems and Equipments	I	1	Mathematical analysis	5
Naval Architecture	L	Ship Systems and Equipments	I	2	Linear algebra, analytic and differential geometry	5
Naval Architecture	L	Ship Systems and Equipments	I	1,2	Computer programming and programming languages	8
Naval Architecture	L	Ship Systems and Equipments	I	1,2	Mechanics	8
Naval Architecture	L	Ship Systems and Equipments	I	2	Technical drawing and computer aided design	4
Naval Architecture	L	Ship Systems and Equipments	I	2	Numerical methods	3
Naval Architecture	L	Ship Systems and Equipments	I	1	Physics	4

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Ship Systems and Equipments	I	1	Chemistry	3
Naval Architecture	L	Ship Systems and Equipments	I	1	Descriptive geometry and technical drawing	4
Naval Architecture	L	Ship Systems and Equipments	I	2	Electrical Engineering	4
Naval Architecture	L	Ship Systems and Equipments	I	1,2	English	4
Naval Architecture	L	Ship Systems and Equipments	I	1,2	Physical education	(2)
Naval Architecture	L	Ship Systems and Equipments	I	2	Fluid mechanics	4
Naval Architecture	L	Ship Systems and Equipments	I	1	Science and engineering of materials	4
						60+(2)
Naval Architecture	L	Ship Systems and Equipments	II	3	Special mathematics	4
Naval Architecture	L	Ship Systems and Equipments	II	4	Preliminary ship design	4
Naval	L	Ship Systems and	II	3,4	Theory of ship	8

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Architecture		Equipments				
Naval Architecture	L	Ship Systems and Equipments	II	3,4	Ship construction	8
Naval Architecture	L	Ship Systems and Equipments	II	3,4	Strength of materials	8
Naval Architecture	L	Ship Systems and Equipments	II	4	Naval machine parts	4
Naval Architecture	L	Ship Systems and Equipments	II	3	Technical drawing and computer aided design	4
Naval Architecture	L	Ship Systems and Equipments	II	3,4	English	4
Naval Architecture	L	Ship Systems and Equipments	II	3,4	Physical education	4
Naval Architecture	L	Ship Systems and Equipments	II	4	Internship	2
Naval Architecture	L	Ship Systems and Equipments	II	3	Thermal Engineering	3
Naval Architecture	L	Ship Systems and Equipments	II	3,4	Computing techniques in shipbuilding	7
						60

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Ship Systems and Equipments	III	5	Ship resistance	5
Naval Architecture	L	Ship Systems and Equipments	III	6	Hydrodynamics of the ship	6
Naval Architecture	L	Ship Systems and Equipments	III	6	Board and deck systems and equipments	6
Naval Architecture	L	Ship Systems and Equipments	III	6	Integrated ship design systems	6
Naval Architecture	L	Ship Systems and Equipments	III	5	Hydro pneumatic drives	7
Naval Architecture	L	Ship Systems and Equipments	III	5	Marine piping systems	7
Naval Architecture	L	Ship Systems and Equipments	III	5,6	Dynamics of propulsion systems	10
Naval Architecture	L	Ship Systems and Equipments	III	6	Integrated design of ship systems	3
Naval Architecture	L	Ship Systems and Equipments	III	6	Internship	2
Naval Architecture	L	Ship Systems and Equipments	III	5	General and local vibration of ship	5

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	L	Ship Systems and Equipments	III	6	Propeller theory	3
						60
Naval Architecture	L	Ship Systems and Equipments	IV	7,8	Management in shipbuilding	7
Naval Architecture	L	Ship Systems and Equipments	IV	7	Marketing	4
Naval Architecture	L	Ship Systems and Equipments	IV	8	Naval Architecture	5
Naval Architecture	L	Ship Systems and Equipments	IV	7,8	Technology of installation and repairing of ship systems	9
Naval Architecture	L	Ship Systems and Equipments	IV	7	Integrated design of ship systems	3
Naval Architecture	L	Ship Systems and Equipments	IV	7	Arrangement of engines' compartment	3
Naval Architecture	L	Ship Systems and Equipments	IV	8	Machine systems	4
Naval Architecture	L	Ship Systems and Equipments	IV	7	Ship systems and equipments testing	3
Naval	L	Ship Systems and	IV	8	Research and design activity	4

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Architecture		Equipments				
Naval Architecture	L	Ship Systems and Equipments	IV	8	Diploma project	-
Naval Architecture	L	Ship Systems and Equipments	IV	7	Technical ships	4
Naval Architecture	L	Ship Systems and Equipments	IV	7	Marine propulsion engines	4
Naval Architecture	L	Ship Systems and Equipments	IV	8	Small ships	5
Naval Architecture	L	Ship Systems and Equipments	IV	8	Rules and conventions in naval architecture	5
						60
Naval Architecture	M	Naval Architecture	I	1	Advanced ship hydrodynamics	8
Naval Architecture	M	Naval Architecture	I	1,2	Project management	16
Naval Architecture	M	Naval Architecture	I	2	Computational fluid dynamics	11
Naval Architecture	M	Naval Architecture	I	1,2	Structural analysis and hydroelasticity	16

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	M	Naval Architecture	I	1	Complements in propulsion dynamics	9
						60
Naval Architecture	M	Naval Architecture	II	3	Computational fluid dynamics	10
Naval Architecture	M	Naval Architecture	II	3,4	Integrated CAD-CAM tools in naval architecture	20
Naval Architecture	M	Naval Architecture	II	3	CAD-CAE tools for the initial ship design	9
Naval Architecture	M	Naval Architecture	II	4	R&D fundamentals	21
						60
Naval Architecture	M	Advanced Ship-building Technology	I	1,2	Advanced shipyard production technologies	19
Naval Architecture	M	Advanced Ship-building Technology	I	1	Unconventional materials	8
Naval Architecture	M	Advanced Ship-building	I	1	Optimal shipbuilding technology	11

FACULTY OF NAVAL ARCHITECTURE						
License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
		Technology				
Naval Architecture	M	Advanced Ship-building Technology	I	2	Experimental analysis of noise and vibration	14
Naval Architecture	M	Advanced Ship-building Technology	I	2	The shipbuilding management	8
						60
Naval Architecture	M	Advanced Ship-building Technology	II	3	Commissioning	10
Naval Architecture	M	Advanced Ship-building Technology	II	3	Offshore units and systems	11
Naval Architecture	M	Advanced Ship-building Technology	II	3	The marine environmental protection technology	9
Naval Architecture	M	Advanced Ship-building Technology	II	4	The shipbuilding management	10

FACULTY OF NAVAL ARCHITECTURE

License domain	The cycle of studies (L / M)	Name of the programme	Academic year (I, II, III,IV)	Semester (1, 2, 3, 4, 5, 6, 7, 8)	Name of the discipline	Number of credits ETCS
Naval Architecture	M	Advanced Ship-building Technology	II	4	Experimental research and diagnosis. Master thesis	20
						60