

Plan of the study programme *Naval Forces Military Leadership*

Specialization *Vessel Driving*

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1 sem	2 sem	3 sem	4 sem	5 sem	6 sem	7 sem	8 sem	9 sem		
1.	MANDATORY PART A	24	7	11	0	7	5	27	5	4	90	
1.1.	Mathematics	9									9	E
1.2.	Introduction to Physics	3									3	E
1.3.	Military Ethics	1									1	T
1.4.	Naval Forces Basic Training Course	8									8	E
1.5.	Foreign Language (English)	3									3	E
1.6.	Physical Training					2		1	1		4	E
1.7.	Civil Protection		1								1	T
1.8.	Formal Etiquette and Protocol		1								1	T
1.9.	Naval Fleet History		1	2							3	T
1.10.	Latvian Military History								3		3	T
1.10.1.	Study trip to battlefields and battle analysis											
1.11.	Military Law							2	1		3	E
1.12.	Introduction to Economics		1								1	T
1.13.	Basic Course in Small Arms Construction and Capabilities		2								2	T
1.14.	Military Drill Course		1								1	T
1.15.	Military Psychology			1			2				3	E
1.16.	Military Leadership			2				2			4	E
1.17.	Shooting Training for Naval Forces			1				2			3	E
1.18.	Maintenance of Combat Skills (Summer Field Camp)				5						5	E
1.19.	Military Pedagogy					3					3	E
1.20.	Sustainment of Naval Forces					2					2	T
1.21.	Project Management						3				3	T
1.22.	Warfare History							3			3	T
1.23.	Medical Support							1			1	T

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1 sem	2 sem	3 sem	4 sem	5 sem	6 sem	7 sem	8 sem	9 sem		
1.24.	Fundamentals of Military Geospatial Information and Meteorology							2			2	T
1.25.	Combat Equipment and Armament							2			2	T
1.26.	Chemical, Biological, Radiological and Nuclear (CBRN) Defense for Naval Forces							2			2	T
1.27.	Introduction to Fire Support							2			2	T
1.28.	Engineer Support							2			2	T
1.29.	Communications							2			2	T
1.30.	Introduction to Land Forces Tactics							2			2	T
1.31.	Combat Endurance Course							2			2	T
1.32.	Research Methodology									1	1	E
1.33.	Information Warfare									3	3	E
2.	RESTRICTED ELECTIVES PART B	0	24	20	6	23	25	4	8	0	110	
2.1.	Physics			3							3	E
2.2.	Information Technology		2								2	T
2.3.	Technical Drawing		2								2	T
2.4.	Maritime Law			2							2	T
2.5.	Applied Chemistry			2							2	IE
2.6.	Bridge Resource Management					3					3	T
2.7.	Theoretical Mechanics			2							2	T
2.8.	Maritime Transport Economics			1							1	T
2.9.	Maritime Transport Economics SP			1							1	T
2.10.	Safe Working Practices and International Law and Regulations Related to Labour		1								1	T
2.11.	Maritime English		3	3		3	3				11	E
2.12.	Celestial Navigation					2	1				3	E
2.13.	Celestial Navigation (Study Paper)						1				1	R

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1 sem	2 sem	3 sem	4 sem	5 sem	6 sem	7 sem	8 sem	9 sem		
2.14.	Ship Handling and Bridge Management		2	2		2	2				8	E
2.15.	Ship Handling and Bridge Management (Qualification Paper)						3				3	R
2.16.	Maritime Safety and Security										7	E
2.18.	Cargo Handling and Stowage					2					2	T
2.19.	Cargo Handling and Stowage (Study Paper)					1					1	T
2.20.	Technical Navigation Aids		3								3	E
2.21.	Ship's Construction and Stability		2			2					4	E
2.22.	Ship's Construction and Stability (Qualification Paper)					1					1	R
2.23.	Navigation in Emergency Situations						2				2	T
2.24.	Terrestrial and Coastal Navigation		3	3		3	2				11	E
2.25.	Terrestrial and Coastal Navigation (Qualification Paper)						1				1	R
2.26.	Meteorology		1			2					3	T
2.27.	RADAR/ARPA				2		2				4	E
2.28.	Organization of Communications and GMDSS		2			2	2				6	E
2.29.	Protection of Marine Environment			1							1	T
2.30.	ECDIS						3				3	T
2.31.	Naval Tactics for Vessel Driving										12	E
3.	FREE ELECTIVES PART C	0	0	0	0	0	0	0	3	6	9	
3.1.	Free elective courses								3	6	9	T
4.	D PART INTERNSHIP	8	0	0	26	0	0	0	12	0	46	
4.1.	General Introductory Internship	8									8	R
4.2.	Specialization Internship				26						26	R
4.3.	Pre-diploma Internship								12		12	R
5.	NATIONAL EXAMINATION PART	0	0	0	0	0	0	0	0	18	18	

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1 sem	2 sem	3 sem	4 sem	5 sem	6 sem	7 sem	8 sem	9 sem		
5.1.	Bachelor's Thesis									18	18	R
	TOTAL:	32	31	31	32	30	30	31	28	28	273	

Head of the Naval Forces Course Lieutenant Commander A. Strautiņš

*Comment: *training takes place in Liepaja, Naval Forces Training Centre.*

Specialization *Ship Mechanics*

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1sem	2sem	3sem	4sem	5sem	6sem	7sem	8sem	9sem		
1.	MANDATORY PART A	24	7	11	0	7	5	27	5	4	90	
1.1.	Mathematics	9									9	E
1.2.	Introduction to Physics	3									3	E
1.3.	Military Ethics	1									1	T
1.4.	Naval Forces Basic Training Course	8									8	E
1.5.	Foreign Language (English)	3									3	E
1.6.	Physical Training					2		1	1		4	E
1.7.	Civil Protection		1								1	T
1.8.	Formal Etiquette and Protocol		1								1	T
1.9.	Naval Fleet History		1	2							3	T
1.10.	Latvian Military History								3		3	T
1.10.1.	Study trip to battlefields and battle analysis											
1.11.	Military Law							2	1		3	E
1.12.	Introduction to Economics		1								1	T
1.13.	Basic Course in Small Arms Construction and Capabilities		2								2	T
1.14.	Military Drill Course		1								1	T
1.15.	Military Psychology			1			2				3	E
1.16.	Military Leadership			2				2			4	E
1.17.	Shooting Training for Naval Forces			1				2			3	E
1.18.	Maintenance of Combat Skills (Summer Field Camp)			5							5	E
1.19.	Military Pedagogy					3					3	E
1.20.	Sustainment of Naval Forces					2					2	T
1.21.	Project Management						3				3	T
1.22.	Warfare History							3			3	T
1.23.	Medical Support							1			1	T
1.24.	Fundamentals of Military Geospatial Information and Meteorology							2			2	T
1.25.	Combat Equipment and Armament							2			2	T

No.	Title of the study course	Year 1		Year 2		Year 3		Year 4		Year 5	CP	FE
		1sem	2sem	3sem	4sem	5sem	6sem	7sem	8sem	9sem		
1.26.	Chemical, Biological, Radiological and Nuclear (CBRN) Defense for Naval Forces							2			2	T
1.27.	Introduction to Fire Support							2			2	T
1.28.	Engineer Support							2			2	T
1.29.	Communications							2			2	T
1.30.	Introduction to Land Forces Tactics							2			2	T
1.31.	Combat Endurance Course							2			2	T
1.32.	Research Methodology									1	1	E
1.33.	Information Warfare									3	3	E
2.	RESTRICTED ELECTIVES PART B	0	24	20	6	23	25	4	8	0	110	
2.1.	Information Technology		2								2	T
2.2.	Materials Science		3								3	T
2.3.	Safe Working Practices and International Law and Regulations Related to Labor		1								1	T
2.4.	Thermodynamics and Heat Transfer		3								3	E
2.5.	Technical Drawing		1	2							3	T
2.6.	Maritime English		2	2		2	3				9	E
2.7.	Ship's Diesel Engines and Turbines		3	3		3					9	E
2.8.	Ship Electrical Engineering and Electronics		3	3			3				9	E
2.9.	Physics		3								3	E
2.10.	Maritime Safety and Security										7	E
2.11.	Theoretical Mechanics				3						3	E
2.12.	Applied Chemistry			2							2	T
2.13.	Practice in Workshops			3		3					6	T
2.14.	Ship Construction and Theory			2		2	2				6	E
2.15.	Ship's Auxiliary Mechanisms and Systems			3		3	3				9	E
2.16.	Protection of Marine Environment					1					1	T
2.17.	Ship Repair Technology					3					3	T
2.18.	Transport Economy					1					1	T
2.19.	Transport Economy (Study Paper)					1					1	T
2.20.	Ship Automation					2	3				5	E

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		1sem	2sem	3sem	4sem	5sem	6sem	7sem	8sem	9sem		
2.21.	Ship Diesel Engines, Turbines, Auxiliary Mechanics, Systems (Qualification Paper)					1	1				2	E
2.22.	Ship Electronics and Automation (Qualification Paper)						3				3	E
2.23.	Ship Construction and Theory (Qualification Paper)						2				2	E
2.24.	Personnel, Ship's Engine Room Command and Resource Management						3				3	T
2.25.	Ship Handling						2				2	T
2.26.	Naval Tactics for Ship Mechanics										12	E
3.	FREE ELECTIVES PART C	0	0	0	0	0	0	0	3	6	9	
3.1.	Free elective courses								3	6	9	T
4.	D PART INTERNSHIP	8	0	0	26	0	0	0	12	0	46	
4.1.	General Introductory Internship	8									8	R
4.2.	Specialization Internship				26						26	R
4.3.	Pre-diploma Internship								12		12	R
5.	NATIONAL EXAMINATION PART	0	0	0	0	0	0	0	0	18	18	
5.1.	Bachelor's Thesis									18	18	R
	TOTAL:	32	31	31	32	30	30	31	28	28	273	

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