

INFORMATION ON THE STUDY PROGRAMME NAUTICAL STUDIES

Version (valid from): 2024-1 (01.10.2024)

Basic information

Programme name	Nautical Studies
Programme features	
Type	higher professional education
Rate	first stage
CLASS-SRV	Higher professional education (first Bologna cycle)/higher professional education (first Bologna cycle) (16203)
ISCED	<ul style="list-style-type: none"> • transport services (84)
CLASS-P	<ul style="list-style-type: none"> • Maritime and river transport (8404)
CLASS-P-16	<ul style="list-style-type: none"> • Transport (1041)
Frascati	<ul style="list-style-type: none"> • Technical sciences (2)
Raven SOK	Raven SOK 7
Raven EOC	Raven EOK 6
Raven EOVK	First stage
Areas/modules/targets	<ul style="list-style-type: none"> • General direction (direction) • Military direction (direction) • No articulation (study programme)
Members of the University of Ljubljana	Faculty of Maritime Studies and Transport, Pot pomorščakov 4, 6320 Portorož, Slovenia
Duration (years)	3
Number of KT per year	60
Study delivery methods	full-time, part-time

The main objectives of the programme

General direction:

The main objective of the higher professional study programme Nautical Studies is to train professionally competent and interdisciplinary experts in the field of maritime navigation, with an emphasis on theoretical and practical competence in ship management and maritime navigation control in accordance with the International Maritime Organisation (IMO) STCW Convention of 1978, which was last updated in 2018 (all Member States are signatories to this Convention).

The programme provides the graduate with the knowledge, skills and competences agreed at global and European level for the qualification of Officer in Charge of Deck Watch on ships of 500 GT (gross tonnes) or more and 1st Officer on Deck or Master on ships of 3000 GT or more.

The study programme is intended primarily for secondary school graduates who wish to qualify for highly professional tasks in the field of navigation, but who do not have the inclination towards research and theoretical studies characteristic of university education.

Military direction:

Officer education is one of the building blocks of the rapidly and intensively evolving work of the armed forces. Studying at the Military Studies Course enables graduates to acquire basic professional competences in the field of officer work, as well as competences for other work in the field of military management and, of course, to transfer the theoretical knowledge in the field of maritime studies to their future practice. The first objective of the Military Studies programme is to acquire the knowledge, skills and competences in the field of military sciences, which are the prerequisites for the title of officer. The second objective of the Military Studies programme is the acquisition of specific skills in the field of warfare and military leadership and tactical problem solving. The programme provides the graduate with a broad knowledge enabling him/her to acquire the following abilities: to optimise his/her tasks in accordance with STCW requirements and nautical knowledge, the responsibility to perform the direct duties of officers in the basic duties of platoon commander, the ability to

manage and lead work processes and team training, the ability to command, the ability to inspire and motivate and to make decisions, the ability to identify the resulting tasks in the accomplishment of the mission and to lead the troops in such a way that he/she is able to confront the situation and to formulate a tactical solution. The skills developed by the graduate will enable him/her to find employment within the Slovenian Armed Forces.

General competences (learning outcomes)

General direction:

The programme is interdisciplinary, combining economic, international legal, maritime administration, sociological, cultural, communication and methodological knowledge, as well as nautical engineering expertise.

They provide a broad knowledge base that enables graduates to acquire the following competences:

- the responsibility for the direct duties of deck officers on a ship of more than 500 GT (3rd Mate and 2nd Mate) and 1st Mate and Master on a ship of more than 3000 GT,
- compliance with the watchkeeping standards prescribed by the STCW International Convention in accordance with Part A - II of the STCW Convention,
- broad-minded,
- Analytical skills in solving professional tasks: the ability to work independently in an analytical manner (especially in relation to the development of new technologies), to synthesise specific domain knowledge and apply it to solve concrete problems, and to synthesise and place analytical findings in real-world contexts,
- use of methodological tools: acquiring methodological knowledge and learning to use research and analysis methods, creativity, initiative, creativity in selecting and analysing key safety issues in maritime surveillance,
- Strategic orientation: strategic thinking and planning, the ability to plan, evaluate and look ahead, to anticipate and forecast developments, to find solutions to fundamental problems,
- Communicative: ability to express oneself professionally in writing and speaking and to present a clear, active and reasoned argument, and to use professional maritime and navigational terminology in Slovenian and English,
- Conflict resolution: the ability to manage, handle and mediate conflicts, negotiate, argue and develop negotiating positions,
- Team and group work: the willingness to cooperate, to take into account the opinions of others and to fulfil an agreed role within the team and the group; leadership, which develops competences in coordinating, organising, working with colleagues, advising and managing; creativity, the ability to understand and empathise with different cultures, the ability to relate and manage formal and informal relationships, to work together and to synergistically integrate the diversity of the group into a new quality, emotional intelligence,
- flexibility to cope with change: the ability to work flexibly in multicultural environments, in cooperation with foreign countries, to be interdisciplinary, to understand cultural pluralism,
- Professionalism: the ability to analyse, sequence and coordinate work tasks and to select methods and ways of working in accordance with professional standards,
- Use of maritime information technologies: ability to carry out complex procedures.

Military direction:

The general part of the programme is taught in the same way as in the General Course. The competences foreseen for the acquisition of core competences in the maritime domain are related in the same way to the requirements of the STCW Convention mentioned in the General Track.

Subject-specific competences (learning outcomes)

General direction:

The subject-specific competences of the higher professional study programme Nautical Studies, which are acquired through the programme, are in the field of maritime navigation.

In this study programme, students acquire the skills to:

- acquiring fundamental knowledge in science subjects, enabling their integration into core professional and orientation courses for studying and addressing the challenges of maritime processes,

- acquisition of fundamental and applied knowledge in subjects such as maritime economics, shipowner's business, human resources, etc., enabling their application in solving human resources management problems, or leadership and communication skills (networking skills, etc.) and understanding of cultural pluralism,
- acquisition of fundamental and applied knowledge in subjects with content in the field of commercial, international maritime and administrative maritime law, maritime law and insurance, which enables their application in solving problems of transport contracts and other necessary documentation in domestic and international maritime transport, knowledge of the business and legal environment of organisations, companies and entities in the maritime field, knowledge of business and legal processes,
- acquisition of basic and applied knowledge in subjects with maritime English content, enabling foreign language skills and argumentative and negotiation skills giving a particular comparative advantage, or leadership and communication skills (networking skills, etc.),
- the acquisition of basic and applied knowledge in subjects including coastal, ocean and electronic navigation, ship's science, cargo handling, ship construction and equipment, seamanship, training in nautical simulators, navigation watchkeeping, communication equipment, etc., to enable the performance of the following functions: navigation, cargo handling and disposition, control of navigation and care of ship's personnel and radio communications at managerial and operational level,
- the acquisition of basic and applied knowledge in subjects with maritime practical training content, training on nautical simulators, navigation watch keeping, communication equipment, etc., which enable them to be qualified for the tasks assigned to them for the handling of equipment essential for safe navigation, safe radio communications, emergencies or the prevention of pollution of the sea,
- acquisition of specific knowledge in the elective subjects relating to propulsion and manoeuvring, Ro-Ro and passenger ships, ship combat systems, cargo handling, sailing, maritime transport systems, maritime economics and shipowner's business.
- acquire the necessary knowledge and skills in the field of professional practice to be able to integrate into the work of professional challenges in navigation practice.

Military direction:

The subject-specific competences acquired are in the fields of nautical and military sciences.

In military education, students acquire the following subject-specific competences:

- the acquisition of knowledge and skills already identified in the General Course in the areas of organisation and execution of shipboard overhead services and the ability to integrate findings in these areas from the civilian to the military sphere;
- acquisition of fundamental knowledge in military subjects, enabling their implementation in core professional and orientation subjects for the study and solution of military tasks, the implementation of processes for planning and conducting military operations in the national and international environment, in peace and war, and the evaluation and planning of the use of military capabilities and weapon systems;
- acquisition of fundamental and applied knowledge in the fields of military operations (tactics, operations), military geography and military technology of weapon systems, enabling tactical problem solving, organisation of combat and non-combat operations, critical evaluation and planning of the use of military capabilities and weapon systems;
- acquisition of fundamental and applied knowledge in the subjects of the basics of military leadership, command and control, military didactics, military psychology and military sociology, enabling their implementation in the processes of human resources management, the performance of military professional tasks in the field of leadership and command, and the conduct of military training of units in a safe, reliable and rational manner;
- acquire specific knowledge of military strategy, military history, military policy, military, military law, military law of war and humanitarian law, and the forms of institutional functioning of military institutions;
- acquisition of specific skills in military research methods, military problem solving in tactical unit operations, logistics and supply, and the basics of operational research methods and modelling of tactical solutions;

- acquiring the necessary knowledge and basic skills in the field of military sciences for a quality integration into a military organisation and starting a career as an SAF officer.

Conditions for enrolment

General and Military:

Entry to the first-level higher professional study programme in Nautical Science is open to students who have passed the final examination in any four-year upper secondary education programme, the vocational baccalaureate or the general baccalaureate.

Selection criteria in the event of an enrolment limitation

If a decision is taken to restrict enrolment, they will be applicants will be selected on the basis of:

- General pass mark in the final exam, the vocational baccalaureate or the matriculation diploma: 60%,
- General passes in the 3rd and 4th years: 40% points.

Criteria for the recognition of knowledge and skills acquired before entry to the programme

General direction:

Students may be awarded credit for knowledge which corresponds in content to the subjects taught in the Nautical Science study programme and which has been acquired in various forms of education. The decision on the recognition of knowledge and skills acquired prior to enrolment is made by the UL FPP Student Affairs Committee on the basis of a written application from the student, attached certificates and other documents proving the successful acquisition of knowledge and the content of these skills.

The following criteria will be taken into account by the UL FPP Student Affairs Committee when recognising knowledge acquired prior to enrolment:

- the suitability of the entry requirements for the different forms of education (prior qualifications required for entry),
- the comparability of the level of education (number of hours of prior learning in relation to the level of the course) at which the obligation is recognised,
- the relevance of the content of the training to the content of the course in which the credit is given.

The knowledge acquired may be recognised as a requirement if the prerequisite for enrolment in the course was at least upper-secondary education, if the previous education covered at least 75% of the subject content and if at least 75% of the content corresponds to that of the course in which the study requirement is recognised. In the event that the Board finds that the knowledge acquired can be recognised, this will be weighted by the same number of ECTS units as the number of units in the course.

A specific example of the recognition of knowledge and skills acquired prior to enrolment is the recognition of 'Professional practice for mariners' in the event that the student has been regularly employed in maritime business organisations or in the maritime sector of the public administration for at least one year. In this case, the employment must be proven by an appropriate document showing the duration of the employment and the activity of the organisation.

Military direction:

A candidate/student may be awarded credit for a subject from the set of subjects in Semester 6, depending on the knowledge documented in the various forms of professional training prior to the start of the military course.

Assessment methods

The methods of assessment are in accordance with the [UL Statutes](#) and specified in the curricula.

Conditions for progression through the programme

A student may enrol in a higher year if, by the end of the academic year, he or she has completed all the requirements set out in the study programme for enrolment in the higher year, and before enrolling in the third

or higher year, he or she must also have completed all the requirements of the year prior to the year in which he or she is currently enrolled.

Students must have the following number of ECTS to be admitted to the upper year:

- a minimum of 50 ECTS from the first year of the programme must have been achieved in order to be admitted to the second year of the programme,
- 60 ECTS from the first year and at least 50 ECTS from the second year to enter the third year.

Exceptional progression to the next year.

The UL FPP Committee for Academic Affairs may exceptionally grant promotion to:

- 2nd year to a student who has achieved at least 40 ECTS in the 1st year, or in
- 3rd year to a student who has achieved a total of at least 100 ECTS in the 1st and 2nd year (60 ECTS in the 1st year and 40 ECTS in the 2nd year), provided that the student has justifiable reasons for the exceptional progression.

Justifiable reasons are those set out in the Statutes of the University of Ljubljana.

Students must have to repeat:

- a minimum of 20 ECTS in the first year,
- in the second year, 60 ECTS from the first year and at least 20 ECTS from the second year.

Conditions for switching between programmes

General direction:

Transfers between programmes are governed in accordance with the applicable Criteria for Transfers between Degree Programmes. Student applications for transfer between programmes are decided by the UL FPP Senate on the proposal of the Study Affairs Committee in accordance with the procedure laid down in the UL Statutes. The Study Affairs Committee determines for each candidate separately the extent to which it recognises the study requirements already completed, determines the requirements and specifies the year to which the candidate may transfer.

Military direction:

- Transfer from General to Military Studies is possible according to the criteria for transitions between first cycle study programmes at the FPP).
- Candidates enrolled in study programmes in the fields of naval engineering or nautical engineering which, at the end of their studies, provide for the acquisition of comparable competences and which, according to the recognition criteria, provide for the recognition of at least half of the ECTS requirements from the first study programme which relate to the compulsory subjects of the second study programme.
- The recognition process identifies the study requirements that students have already fulfilled, which may be fully or partially recognised, and the study requirements they must fulfil in order to complete their studies under another study programme.

Conditions for completing your studies

To complete the degree, students must complete all the requirements for all the courses they have enrolled in and produce and defend a thesis.

Conditions for completion of the individual parts of the programme, if contained in the programme

The study is uniform.

Professional, scientific or artistic title (English title and abbreviation)

- Bachelor of Applied Science (B.A.Sc.)

STUDY PROGRAMME CURRICULUM NAUTICAL STUDIES

2024/2025

Name of study programme	Nautical Studies
Programme characteristics	
Type	higher professional
Cycle	bachelor
University of Ljubljana members	Faculty of Maritime Studies and Transport, Pot pomorščakov 4, 6320 Portorož, Slovenija

General direction (direction/track)

Year 1, obvezni predmeti

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0623012	Mathematics for engineers 1	Aleksej Turnšek	30	0	30	0	0	60	120	4	1st semester	no
2.	0130338	Commercial Law	Patrick Vlačič	30	30	0	0	0	60	120	4	1st semester	no
3.	0130340	Engineering Graphics and Ship Documentation	Peter Vidmar	30	0	30	0	0	60	120	4	1st semester	no
4.	0130341	Ship Theory I	Aleksander Grm, Valter Suban	60	0	30	0	0	90	180	6	1st semester	no
5.	0130342	Maritime English	Violeta Jurković	45	0	30	0	0	75	150	5	1st semester	no
6.	0130346	Terrestrial Navigation	Andrej Androjna	60	0	45	0	0	105	210	7	1st semester	no
7.	0625047	Computer and Information Science (N)	Evelin Krmac	30	0	30	0	0	60	120	4	2nd semester	no
8.	0130347	Celestial Navigation	Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no

9.	0623878	Engineering physics	Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
10.	0130344	Electrical Energy Use on Ship	Franc Dimc	45	0	30	0	15	90	180	6	2nd semester	no
11.	0130348	Medical Care for Seafarers	Črtomir Seušek, dr. med.	45	0	30	0	0	75	150	5	2nd semester	no
12.	0624931	Seamanship (N)	Peter Vidmar	45	0	60	0	0	105	210	7	2nd semester	no
Total				480	30	375	0	15	900	1800	60		

Year 2, obvezni predmeti

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0624099	Mathematics for engineers 2	Aleksej Turnšek	45	0	30	0	0	75	150	5	1st semester	no
2.	0130352	Ship Theory 2	Marko Perkovič	45	15	30	0	0	90	180	6	1st semester	no
3.	0625142	Electronic navigation	Andrej Androjna	30	0	30	0	0	60	120	4	1st semester	no
4.	0130354	Ship's Electronic Devices	Franc Dimc	30	15	15	0	0	60	120	4	1st semester	no
5.	0625144	Marine Propulsion Engines (N)	Denis Romih	30	0	30	0	0	60	120	4	1st semester	no
6.	0625146	Maritime economics and business of shipping companies	Marina Zanne	45	10	20	0	0	75	150	5	1st semester	no
7.	0130356	Maritime Personnel Management	Andrej Androjna, Matija Svetina	30	15	30	0	0	75	150	5	2nd semester	no
8.	0130350	Navigation English	Violeta Jurković	45	0	30	0	0	75	150	5	2nd semester	no

9.	0130357	Maritime Law	Patrick Vlačič	45	30	0	0	0	75	150	5	2nd semester	no
10.	0130353	Ship Auxiliary Systems	Marko Perkovič	30	0	30	0	0	60	120	4	2nd semester	no
11.	0130358	Managing and Maintaining a Navigational Watch	Andrej Androjna	30	0	45	0	0	75	150	5	2nd semester	no
12.	0130359	Cargo Handling	Valter Suban	45	0	30	0	0	75	150	5	2nd semester	no
13.	0130360	Ship Maintenance	Marko Perkovič	30	0	15	0	0	45	90	3	2nd semester	no
Total				480	85	335	0	0	900	1800	60		

Year 3, obvezni predmeti

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0625187	Maritime Transportation System	Elen Twrdy	30	15	30	0	0	75	150	5	1st semester	no
2.	0625188	Ships' Communication Equipment (GMDSS)	Valter Suban	30	0	30	0	0	60	120	4	1st semester	no
3.	0147015	Izbirni strokovni predmet		30	15	30	0	0	75	150	5	1st semester	yes
4.	0147016	Izbirni strokovni predmet		30	15	30	0	0	75	150	5	1st semester	yes
5.	0147017	Izbirni strokovni predmet / Splošni izbirni predmet		30	15	30	0	0	75	150	5	1st semester	yes
6.	0147018	Splošni izbirni predmet		30	0	45	0	0	75	150	5	1st semester	yes
7.	0130343	Safety on Ship	Andrej Androjna	45	15	30	0	0	90	180	6	2nd semester	no

8.	0130365	Training on Nautical Simulators	Marko Perkovič	30	15	60	0	0	105	210	7	2nd semester	no
9.	0130361	Professional Practice for Mates (SS)	Andrej Androjna	5	0	0	0	200	35	240	8	2nd semester	no
10.	0130362	Thesis (SS)		0	0	0	0	150	150	300	10	2nd semester	no
Total				260	90	285	0	350	815	1800	60		

Year 3, Izbirni strokovni predmet

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0130301	Ship Propulsion and Manoeuvrability	Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
2.	0140080	Maritime Information Systems	Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
3.	0130305	Naval Vessel's Combat Systems	Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130303	Tankers	Damjan Hostnikar, Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
5.	0140175	Cargo Handling 2	Valter Suban	30	15	30	0	0	75	150	5	1st semester	yes
Total				150	75	150	0	0	375	750	25		

Year 3, Izbirni strokovni predmet/Splošni izbirni predmet

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0130317	Ro-Ro and Passenger Ships	Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
2.	0130792	Sailing	Peter Vidmar	30	0	45	0	0	75	150	5	1st semester	yes
Total				60	15	75	0	0	150	300	10		

Military direction (direction/track)

Year 1, Obvezni predmeti/Compulsory courses

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0623012	Mathematics for engineers 1	Aleksej Turnšek	30	0	30	0	0	60	120	4	1st semester	no
2.	0130338	Commercial Law	Patrick Vlačič	30	30	0	0	0	60	120	4	1st semester	no
3.	0130340	Engineering Graphics and Ship Documentation	Peter Vidmar	30	0	30	0	0	60	120	4	1st semester	no
4.	0130341	Ship Theory I	Aleksander Grm, Valter Suban	60	0	30	0	0	90	180	6	1st semester	no
5.	0130342	Maritime English	Violeta Jurković	45	0	30	0	0	75	150	5	1st semester	no
6.	0130346	Terrestrial Navigation	Andrej Androjna	60	0	45	0	0	105	210	7	1st semester	no
7.	0625047	Computer and Information Science (N)	Evelin Krmac	30	0	30	0	0	60	120	4	2nd semester	no
8.	0130347	Celestial Navigation	Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
9.	0623878	Engineering physics	Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
10.	0130344	Electrical Energy Use on Ship	Franc Dimc	45	0	30	0	15	90	180	6	2nd semester	no
11.	0130348	Medical Care for Seafarers	Črtomir Seušek, dr. med.	45	0	30	0	0	75	150	5	2nd semester	no
12.	0624931	Seamanship (N)	Peter Vidmar	45	0	60	0	0	105	210	7	2nd semester	no
Total				480	30	375	0	15	900	1800	60		

Year 2, Obvezni predmeti/Compulsory courses

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0624099	Mathematics for engineers 2	Aleksej Turnšek	45	0	30	0	0	75	150	5	1st semester	no
2.	0130352	Ship Theory 2	Marko Perkovič	45	15	30	0	0	90	180	6	1st semester	no
3.	0625142	Electronic navigation	Andrej Androjna	30	0	30	0	0	60	120	4	1st semester	no
4.	0130354	Ship's Electronic Devices	Franc Dimc	30	15	15	0	0	60	120	4	1st semester	no
5.	0625144	Marine Propulsion Engines (N)	Denis Romih	30	0	30	0	0	60	120	4	1st semester	no
6.	0640056	Safety on Ship (VS)	Andrej Androjna	45	0	30	0	0	75	150	5	2nd semester	no
7.	0130356	Maritime Personnel Management	Andrej Androjna, Matija Svetina	30	15	30	0	0	75	150	5	2nd semester	no
8.	0130350	Navigation English	Violeta Jurković	45	0	30	0	0	75	150	5	2nd semester	no
9.	0130357	Maritime Law	Patrick Vlačić	45	30	0	0	0	75	150	5	2nd semester	no
10.	0130353	Ship Auxiliary Systems	Marko Perkovič	30	0	30	0	0	60	120	4	2nd semester	no
11.	0130358	Managing and Maintaining a Navigational Watch	Andrej Androjna	30	0	45	0	0	75	150	5	2nd semester	no
12.	0130359	Cargo Handling	Valter Suban	45	0	30	0	0	75	150	5	2nd semester	no
13.	0130360	Ship Maintenance	Marko Perkovič	30	0	15	0	0	45	90	3	2nd semester	no
Total				480	75	345	0	0	900	1800	60		

Year 3, Obvezni predmeti/Compulsory courses

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0640067	Project work on nautical simulators (VS)	Andrej Androjna, Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	no
2.	0625188	Ships' Communication Equipment (GMDSS)	Valter Suban	30	0	30	0	0	60	120	4	1st semester	no
3.	0147015	Izbirni strokovni predmet		30	15	30	0	0	75	150	5	1st semester	yes
4.	0147016	Izbirni strokovni predmet		30	15	30	0	0	75	150	5	1st semester	yes
5.	0147017	Izbirni strokovni predmet / Splošni izbirni predmet		30	15	30	0	0	75	150	5	1st semester	yes
6.	0147018	Splošni izbirni predmet		30	0	45	0	0	75	150	5	1st semester	yes
7.	0640051	Military operations	Andrej Androjna	80	50	40	0	0	100	270	9	2nd semester	no
8.	0640052	Military management, leadership and military ethics	Andrej Androjna	60	40	40	0	0	100	240	8	2nd semester	no
9.	0640053	Military defense systems	Andrej Androjna	40	30	0	0	0	80	150	5	2nd semester	no
10.	0640068	Professional Practice for Mates (VS)	Andrej Androjna	5	0	0	0	0	115	120	4	2nd semester	no
11.	0640071	Thesis (VS)		0	0	0	0	0	150	150	5	2nd semester	no
Total				365	180	275	0	0	980	1800	60		

Year 3, Izbirni strokovni predmeti/Professional elective courses

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0130301	Ship Propulsion and Manoeuvrability	Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
2.	0140080	Maritime Information Systems	Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
3.	0130305	Naval Vessel's Combat Systems	Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130303	Tankers	Damjan Hostnikar, Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
5.	0140175	Cargo Handling 2	Valter Suban	30	15	30	0	0	75	150	5	1st semester	yes
Total				150	75	150	0	0	375	750	25		

Year 3, Splošni izbirni predmeti/General elective courses

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0130317	Ro-Ro and Passenger Ships	Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
2.	0130792	Sailing	Peter Vidmar	30	0	45	0	0	75	150	5	1st semester	yes
3.	0130363	Maritime Transportation System	Elen Twrdy	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130364	Maritime economics and business of shipping companies	Marina Zanne	45	10	20	0	0	75	150	5	1st semester	yes
Total				135	40	125	0	0	300	600	20		