

STUDY PROGRAMME CURRICULUM NAUTICAL STUDIES

2023/2024

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, compulsory

	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	prof. dr. Aleksej Turnšek	30	0	30	0	0	60	120	4	1st semester	no
2.	0130338	Commercial Law	izr. prof. dr. Patrick Vlačič	30	30	0	0	0	60	120	4	1st semester	no
3.	0130340	Engineering Graphics and Ship Documentation	izr. prof. dr. Peter Vidmar	30	0	30	0	0	60	120	4	1st semester	no
4.	0130341	Ship Theory I	doc. dr. Aleksander Grm, mag. Valter Suban, viš. pred.	60	0	30	0	0	90	180	6	1st semester	no
5.	0130342	Maritime English	izr. prof. dr. Violeta Jurković	45	0	30	0	0	75	150	5	1st semester	no
6.	0130346	Terrestrial Navigation	doc. dr. Andrej Androjna	60	0	45	0	0	105	210	7	1st semester	no

7.	0625047	Computer and Information Science (N)	izr. prof. dr. Evelin Krmac	30	0	30	0	0	60	120	4	2nd semester	no
8.	0130347	Celestial Navigation	doc. dr. Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
9.	0623878	Engineering physics	doc. dr. Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
10.	0130344	Electrical Energy Use on Ship	doc. dr. Franc Dimc	45	0	30	0	15	90	180	6	2nd semester	no
11.	0130348	Medical Care for Seafarers	Črtomir Seušek, dr. med., pred.	45	0	30	0	0	75	150	5	2nd semester	no
12.	0624931	Seamanship (N)	izr. prof. dr. Peter Vidmar	45	0	60	0	0	105	210	7	2nd semester	no
Total				480	30	375	0	15	900	1800	60		

Year 2, compulsory

				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	prof. dr. Aleksej Turnšek	45	0	30	0	0	75	150	5	1st semester	no
2.	0130352	Ship Theory 2	doc. dr. Marko Perkovič	45	15	30	0	0	90	180	6	1st semester	no
3.	0625142	Electronic navigation	doc. dr. Andrej Androjna	30	0	30	0	0	60	120	4	1st semester	no
4.	0130354	Ship's Electronic Devices	doc. dr. Andrej Androjna, doc. dr. Franc Dimc	30	15	15	0	0	60	120	4	1st semester	no

1.	0130301	Ship Propulsion and Manoeuvrability	doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
2.	0140080	Maritime Information Systems	doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
3.	0130305	Naval Vessel's Combat Systems	doc. dr. Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130303	Tankers	Damjan Hostnikar, pred., doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
5.	0140175	Cargo Handling 2	mag. Valter Suban, viš. pred.	30	15	30	0	0	75	150	5	1st semester	yes
Total				150	75	150	0	0	375	750	25		

Year 3, Discipline related elective

				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	doc. dr. Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
2.	0130792	Sailing	izr. prof. dr. 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, Compulsory

				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	prof. dr. Aleksej Turnšek	30	0	30	0	0	60	120	4	1st semester	no
2.	0130338	Commercial Law	izr. prof. dr. Patrick Vlačič	30	30	0	0	0	60	120	4	1st semester	no
3.	0130340	Engineering Graphics and Ship Documentation	izr. prof. dr. Peter Vidmar	30	0	30	0	0	60	120	4	1st semester	no
4.	0130341	Ship Theory I	doc. dr. Aleksander Grm, mag. Valter Suban, viš. pred.	60	0	30	0	0	90	180	6	1st semester	no
5.	0130342	Maritime English	izr. prof. dr. Violeta Jurković	45	0	30	0	0	75	150	5	1st semester	no
6.	0130346	Terrestrial Navigation	doc. dr. Andrej Androjna	60	0	45	0	0	105	210	7	1st semester	no
7.	0625047	Computer and Information Science (N)	izr. prof. dr. Evelin Krmac	30	0	30	0	0	60	120	4	2nd semester	no
8.	0130347	Celestial Navigation	doc. dr. Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
9.	0623878	Engineering physics	doc. dr. Aleksander Grm	30	0	30	0	0	60	120	4	2nd semester	no
10.	0130344	Electrical Energy Use on Ship	doc. dr. Franc Dimc	45	0	30	0	15	90	180	6	2nd semester	no
11.	0130348	Medical Care for Seafarers	Črtomir Seušek, dr. med., pred.	45	0	30	0	0	75	150	5	2nd semester	no
12.	0624931	Seamanship (N)	izr. prof. dr. Peter Vidmar	45	0	60	0	0	105	210	7	2nd semester	no
Total				480	30	375	0	15	900	1800	60		

Year 2, Compulsory

			Contact hours										
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	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	prof. dr. Aleksej Turnšek	45	0	30	0	0	75	150	5	1st semester	no
2.	0130352	Ship Theory 2	doc. dr. Marko Perkovič	45	15	30	0	0	90	180	6	1st semester	no
3.	0625142	Electronic navigation	doc. dr. Andrej Androjna	30	0	30	0	0	60	120	4	1st semester	no
4.	0130354	Ship's Electronic Devices	doc. dr. Andrej Androjna, doc. dr. Franc Dimc	30	15	15	0	0	60	120	4	1st semester	no
5.	0625144	Marine Propulsion Engines (N)	mag. Denis Romih, pred.	30	0	30	0	0	60	120	4	1st semester	no
6.	0640056	Safety on Ship (VS)	doc. dr. Andrej Androjna	45	0	30	0	0	75	150	5	2nd semester	no
7.	0130356	Maritime Personnel Management	doc. dr. Andrej Androjna, prof. dr. Matija Svetina	30	15	30	0	0	75	150	5	2nd semester	no
8.	0130350	Navigation English	izr. prof. dr. Violeta Jurković	45	0	30	0	0	75	150	5	2nd semester	no
9.	0130357	Maritime Law	izr. prof. dr. Patrick Vlačić	45	30	0	0	0	75	150	5	1st semester	no
10.	0130353	Ship Auxiliary Systems	doc. dr. Marko Perkovič	30	0	30	0	0	60	120	4	2nd semester	no
11.	0130358	Managing and Maintaining a	doc. dr. Andrej Androjna	30	0	45	0	0	75	150	5	2nd semester	no

		Navigational Watch											
12.	0130359	Cargo Handling	mag. Valter Suban, viš. pred.	45	0	30	0	0	75	150	5	2nd semester	no
13.	0130360	Ship Maintenance	doc. dr. Marko Perkovič	30	0	15	0	0	45	90	3	2nd semester	no
		Total		480	75	345	0	0	900	1800	60		

Year 3, Compulsory

	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)	doc. dr. Andrej Androjna, doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	no
2.	0625188	Ships' Communication Equipment (GMDSS)	mag. Valter Suban, viš. pred.	30	0	30	0	0	60	120	4	1st semester	no
3.	0147015	Programme related elective		30	15	30	0	0	75	150	5	1st semester	yes
4.	0147016	Programme related elective		30	15	30	0	0	75	150	5	1st semester	yes
5.	0147017	Programme related elective / 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	doc. dr. Andrej Androjna	80	50	40	0	0	100	270	9	2nd semester	no

8.	0640052	Military management, leadership and military ethics	doc. dr. Andrej Androjna	60	40	40	0	0	100	240	8	2nd semester	no
9.	0640053	Military defense systems	doc. dr. Andrej Androjna	40	30	0	0	0	80	150	5	2nd semester	no
10.	0640068	Professional Practice for Mates (VS)	doc. dr. 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, Programme related elective

	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.	0130301	Ship Propulsion and Manoeuvrability	doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
2.	0140080	Maritime Information Systems	doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
3.	0130305	Naval Vessel's Combat Systems	doc. dr. Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130303	Tankers	Damjan Hostnikar, pred., doc. dr. Marko Perkovič	30	15	30	0	0	75	150	5	1st semester	yes
5.	0140175	Cargo Handling 2	mag. Valter Suban, viš. pred.	30	15	30	0	0	75	150	5	1st semester	yes
Total				150	75	150	0	0	375	750	25		

Year 3, Discipline 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	doc. dr. Andrej Androjna	30	15	30	0	0	75	150	5	1st semester	yes
2.	0130792	Sailing	izr. prof. dr. Peter Vidmar	30	0	45	0	0	75	150	5	1st semester	yes
3.	0130363	Maritime Transportation System	prof. dr. Elen Tvrđy	30	15	30	0	0	75	150	5	1st semester	yes
4.	0130364	Maritime economics and business of shipping companies	izr. prof. dr. Marina Zanne	45	10	20	0	0	75	150	5	1st semester	yes
Total				135	40	125	0	0	300	600	20		