

## STUDY PROGRAMME CURRICULUM TRAFFIC TECHNOLOGY AND LOGISTICS

2023/2024

Name of study programme	<b>Traffic Technology and Logistics</b>
Programme characteristics	
Type	academic
Cycle	bachelor
University of Ljubljana members	• Faculty of Maritime Studies and Transport, Pot pomorščakov 4, 6320 Portorož, Slovenija

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.	0130653	Mathematics I	prof. dr. Aleksej Turnšek	45	0	30	0	0	75	150	6	1st semester	no
2.	0130654	Computer and Information Science	izr. prof. dr. Evelin Krmac	45	0	43	0	0	88	176	7	1st semester	no
3.	0130655	Engineering Drawing	izr. prof. dr. Peter Vidmar	30	10	30	0	0	70	140	5	1st semester	no
4.	0130656	Transport System	prof. dr. Elen Tvrđy	45	15	30	0	0	90	180	7	1st semester	no
5.	0130657	Economics	izr. prof. dr. Marina Zanne	30	10	25	0	0	65	130	5	1st semester	no
6.	0130658	Mathematics II	prof. dr. Aleksej Turnšek	45	0	30	0	0	75	150	6	2nd semester	no
7.	0130659	Traffic Related Mechanics	prof. dr. Milan Batista	30	0	45	0	0	75	150	6	2nd semester	no

8.	0130660	The Basics of Law	prof. dr. Marko Pavliha	45	25	0	0	0	70	140	5	2nd semester	no
9.	0130661	Transport Engineering	doc. dr. Robert Muha	45	15	30	0	0	90	180	7	2nd semester	no
10.	0130662	Electrical Engineering in Modern Traffic	doc. dr. Franc Dimc	45	0	30	0	0	75	150	6	2nd semester	no
Total				405	75	293	0	0	773	1546	60		

Year 2, 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.	0130663	Probability and Statistics	prof. dr. Aleksej Turnšek	45	15	25	0	0	85	170	6	1st semester	no
2.	0130664	Transport Law	prof. dr. Marko Pavliha	30	30	0	0	0	60	120	4	1st semester	no
3.	0130665	Transport Infrastructure	izr. prof. dr. Marijan Žura	30	15	30	0	0	75	150	6	1st semester	no
4.	0130666	Means of Transport	doc. dr. Robert Muha	30	15	30	0	0	75	150	6	1st semester	no
5.	0130667	Transport Economics	izr. prof. dr. Marina Zanne	45	0	20	0	0	65	130	5	1st semester	no
6.	0130712	Professional English I	izr. prof. dr. Violeta Jurković	30	15	22	0	0	67	134	5	1st semester	no
7.	0130669	Basics of Traffic Flow Theory	prof. dr. Milan Batista	30	5	30	0	0	65	130	5	2nd semester	no
8.	0130670	Transport Technology	doc. dr. Bojan Beškovnik	45	15	30	0	11	101	202	8	2nd semester	no
9.	0130671	A Theory of Logistics and Supply Chain	doc. dr. Bojan Beškovnik, doc. dr. Patricija Bajec	45	15	15	0	0	75	150	6	2nd semester	no

10.	0130672	Hazardous Chemicals in Transportation	izr. prof. dr. Oliver Bajt	45	15	15	0	0	75	150	6	2nd semester	no
11.	0130673	Operational Research	doc. dr. Danijela Tuljak Suban	30	0	15	0	0	45	90	3	2nd semester	no
Total				405	140	232	0	11	788	1576	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.	0130674	Intelligent Transportation Systems and Services	doc. dr. Franc Dimc, izr. prof. dr. Evelin Krmac	30	10	30	0	0	70	140	5	1st semester	no
2.	0130675	Urban Transport	doc. dr. Marjan Lep	30	15	15	0	5	65	130	5	2nd semester	no
3.	0583180	Planning of Transport Systems	prof. dr. Elen Tvrđdy	30	10	15	0	10	65	130	5	1st semester	no
4.	0130677	The Basis of the Freight Forwarding Business	doc. dr. Patricija Bajec	30	0	35	0	0	52	117	4	1st semester	no
5.	0130678	Traffic Safety	izr. prof. dr. Peter Vidmar	30	0	35	0	0	52	117	4	2nd semester	no
6.	0130679	Environmental Science and Protection	prof. dr. Jadran Faganeli	30	15	20	0	0	52	117	4	2nd semester	no
7.	0583176	Organization in Traffic	doc. dr. Robert Muha	30	15	20	0	0	52	117	4	1st semester	no
8.	0583182	Management and Leadership	doc. dr. Robert Muha	30	20	15	0	0	52	117	4	1st semester	no
9.	0147007	Izbirni strokovni predmet		30	10	30	0	0	70	140	5	1st semester	yes

10.	0147008	Izbirni strokovni predmet		30	10	30	0	0	70	140	5	1st semester	yes
11.	0147009	Izbirni strokovni predmet / Splošni izbirni predmet		30	10	30	0	0	70	140	5	2nd semester	yes
12.	0147010	Izbirni strokovni predmet		30	10	30	0	0	70	140	5	2nd semester	yes
13.	0130682	Diploma Project		5	0	0	0	35	100	140	5	2nd semester	no
		Total		365	125	305	0	50	840	1685	60		

Year 3, winter - programme 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.	0130646	Management of Supply Chain and Distribution	doc. dr. Patricija Bajec	30	10	30	0	0	70	140	5	1st semester	yes
2.	0130647	Measurements in Traffic	doc. dr. Franc Dimc	30	10	30	0	0	70	140	5	1st semester	yes
3.	0130648	Internal Transport and Warehousing	doc. dr. Sebastjan Škerlič	30	10	30	0	0	70	140	5	1st semester	yes
4.	0140945	Professional English II	izr. prof. dr. Violeta Jurković	30	10	30	0	0	70	140	5	1st semester	yes
		Total		120	40	120	0	0	280	560	20		

Year 3, summer - programme 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.	0130642	Organization and Business of Transport Companies	izr. prof. dr. Marina Zanne	30	10	30	0	0	70	140	5	2nd semester	yes

2.	0130643	Information Science in Logistics	izr. prof. dr. Evelin Krnac	30	10	30	0	0	70	140	5	2nd semester	yes
3.	0130644	Transport Insurance Law	prof. dr. Marko Pavliha	30	40	0	0	0	70	140	5	2nd semester	yes
4.	0140946	Human Resources Management in Transport	doc. dr. Damjana Jerman	30	10	30	0	0	70	140	5	2nd semester	yes
5.	0130645	Student Tutoring Program	izr. prof. dr. Peter Vidmar	6	6	8	0	20	40	80	3	2nd semester	yes
Total				126	76	98	0	20	320	640	23		