

The curriculum of undergraduate Traffic Engineering Studies lasting four years (8 semesters), totalling 240 ECTS credits.

Study course: Road Traffic

1. year – I. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
1	Mathematics	4	-		-	8	1
2	Physics	2	-	1	-	4	1
3	Graphic Communications	2	-	2	-	5	1
4	Fundamentals of Informatics	2	-	3	-	5	1
5	Commodity Knowledge	2	1	-	-	5	1
6	Foreign Language I	2	-	1	-	3	1
7	Physical and Health Education			(2)			
	Total in semester	14	1	10	-	30	6

1. year – II. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
8	Traffic and Planning	2	1	-	-	4	1
9	Modern Transport Systems	2	2	-	-	6	1
10	Fundamentals of Electrical Engineering and Electronics	2	-	2	-	5	1
11	Traffic Statistics	2	-	1	-	4	1
12	Foreign Language II	2	-	1	-	4	1
13	Mechanical Engineering Basics	2	-	1	-	4	1
14	Traffic and Ecology	2	1	-		3	1
7	Physical and Health Education			(2)			
	Total in semester	14	4	5	-	30	7

2. year – III. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
15	Engineering Mechanics	3	-	2	-	6	1
16	Transshipment Means I	2	1	-	-	4	1
17	Internal Transport and	2	-	2	-	5	1

	Storage						
18	Traffic Operations Research	2	-	1	-	4	1
19	Transport Corridors and Trade Flows	2	2	-	-	4	1
20	Transport Logistics	2	1	-	-	4	1
21	Foreign Language III	1	-	2	-	3	1
	Total in semester	14	4	7	-	30	7

2. year – IV. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
22	Transshipment means II	2	-	1	-	4	1
23	Inventory Distribution Centers and Terminals	2	2	-	-	5	1
24	Principles of Economics	2	2	-	-	3	1
25	Fundamentals of Management	2	2	-	-	5	1
26	Traffic Law	2	2	-	-	3	1
27	Technology and the Organization of Public Transportation	2	1	-	-	5	1
28	Foreign Language IV	1	-	2	-	3	1
29	Practice- 1 month at summer				(x)	2	
	Total in semester	13	9	3	(x)	30	7

3. year – V. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
30	Road Transport Infrastructure	2	1	-	-	3	1
31	Means and Resources Exploitation of Road Traffic	3	-	1	-	5	1
32	Technology and Road Traffic Organization	2	2	-	-	4	1
33	Road Traffic Safety with Expertise of Traffic Accidents	2	-	1	-	4	1
34	Traffic Engineering	2	-	1	-	5	1
35	Information Systems in Road Transport	1	-	2	-	3	1
36	Road Transport Economics	1	1	-	-	3	1
	Elective course *	2	1	-	-	3	1
	Total in semester	15	5	5	-	30	8

* Elective courses (students enrolled in a course):

- 1 Traffic Marketing
- 2 Transport Insurance
- 3 Traffic Protection
- 4 Traffic Medicine
- 5 Meteorology

3. year – VI. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
42	Semester Internship	-	-	-	(x)	13	-
43	Final Thesis	-	-	(x)	-	17	1
	Total in semester	-	-	(x)	(x)	30	1

* **Elective course 1:**

- 1 Intermodal Transport
- 2 Vertical Transport

* **Elective course 2**

- 1 Traffic Marketing
- 2 Traffic Management

4. year – VII. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
50	Passengers and goods Transportation	3	-	3	-	6	1
51	Public transportation City	3	-	3	-	6	1
52	Forwarding	2	-	2	-	6	1
53	Transport Companies Organization	2	-	2	-	6	1
54	Traffic Safety	3	-	3	-	6	1
	Total in semester	13	-	13	-	30	5

4. year – VIII. semester

No.	Courses	Hours per week				ECTS credits	Exams
		L	S	E	P		
55	City routes	2	-	2	-	6	1
56	Administrative and Labor Law	2	-	2	-	6	1
57	Traffic Logistics	2	-	2	-	6	1
	Elective Course3*	2	-	2	-	4	1
	Elective Course4*	2	-	2	-	4	1
62	Final Thesis	-	-	-	-	4	1
	Total in semester	10	-	10	-	30	6

* **Elective Course 3** (a student enrolled in one of the course):

1 Investigations of Traffic Accidents

2 City Traffic Management

* **Elective Course 4** (one of the students enrolled in the course):

1 Accidents Expertise

2 Traffic Prevention and Ecology