

Curriculum (8 semester, four year study)

The curriculum of undergraduate study Road Traffic takes four-year study (8 semesters) which is evaluated with 240 ECTS credits.

1. year – I. semester

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

1. year – II. semester

No.	Courses	Hours per week			ECTS credits
		P	S	V	
1	Traffic and Planning	2	1	-	4
2	Modern Transport Systems	2	2	-	5
3	Fundamentals of Electrical Engineering and Electronics	2	-	2	4
4	Traffic Statistics	2	-	1	4
5	Foreign Language II	2	-	1	4
6	Mechanical Engineering Basis	2	-	1	4
7	Traffic and Ecology	2	1	-	3
8	Physical and Health Education			(2)	2
	Ukupno u semestru	14	4	5	30

2. year – III. semester

No.	Courses	Hours per week			ECTS credits
		P	S	V	
1	Engineering Mechanics	3	-	2	6
2	Transshipment Means I	2	1	-	4
3	Internal transport and storage	2	-	2	5
4	Traffic Operations Research	2	-	1	4
5	Transport corridors and trade flows	2	2	-	4
6	Transport Logistics	2	1	-	4
7	Foreign Language III	1	-	2	3
	Total in semester	14	4	7	30

2. year – IV. semester

No.	Courses	Hours per week			ECTS credits
		P	S	V	
1	Transshipment means II	2	-	1	4
2	Inventory Distribution Centers and Terminals	2	2	-	5
3	Principles of Economics	2	2	-	3
4	Fundamentals of Management	2	2	-	5
5	Traffic Law	2	2	-	3
6	Technology and the Organization of Public Transport	2	1	-	5
7	Foreign Language IV	1	-	2	3
8	Practice- 1 month at summer				2
	Total in semester	13	9	3	30

3. year – V. semester

No.	Courses	Hours per week			ECTS credits
		P	S	V	
1	Road Transport Infrastructure	2	1	-	3
2	Means and Resources Exploitation of Road Traffic	3	-	1	5
3	Technology and Road Traffic Organization	2	2	-	4
4	Road Traffic Safety with Expertise of Traffic Accidents	2	-	1	4
5	Traffic Engineering	2	-	1	5
6	Information Systems in Road Transport	1	-	2	3
7	Road Transport Economics	1	1	-	3
8	Elective course *	2	1	-	3
	Total in semester	15	5	5	30

* 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
		P	S	V	
1	Traffic Planing	2	-	2	6
2	Traffic Terminals	3	-	3	6
3	Traffic Evaluation	2	-	2	5
4	Psychology in Traffic	2	-	2	5
5	Elective course 1*	2	-	2	4
6	Elective course 2*	2	-	2	4

	Total in semester	13	-	13	30
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* **Elective course 1** (a student enrolled in one of the course):

- 1 Intermodal Transport
- 2 Vertical Transport

* **Elective course 2** (a student enrolled in one of the course):

- 1 Traffic Marketing
- 2 Traffic Management

4. year – VII. semester

No.	Courses	Hours per week			ECTS credits
		P	S	V	
1	Passengers and goods Transportation	3	-	3	6
2	Public City transport	3	-	3	6
3	Forwarding	2	-	2	6
4	Transport Companies Organization	2	-	2	6
5	Traffic Safety	3	-	3	6
	Total in semester	13	-	13	30

4. year – VIII. semester

Broj prog.	Kolegiji	Sati tjedno			ECTS bodova
		P	S	V	
1	City routes	2	-	2	6
2	Administrative and Labor Law	2	-	2	6
3	Traffic Logistics	2	-	2	6
4	Elective Course 3*	2	-	2	4
5	Elective Course 4*	2	-	2	4
6	Final Thesis	-	-	-	4
	Total in semester	10	-	10	30

* **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