

STUDY PROGRAM TRAFFIC AND TRANSPORT - BACHELOR

Year I – Semester I

	<i>Subject</i>	<i>C/E</i>	<i>H/week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>Ex</i>		
1	Mathematics I	C	3	3	7.0	
2	Physics	O	2	2	5.5	
3	Engineering Graphics	O	2	2	6.5	
4	Informatics and Programming	O	2	2	6.0	
5	Foreign Language I (ENG, GER, FRE)	C	2	0	5.0	
	ECTS/Semester				30	

C-compulsory, E- elective, L-lectures, Ex- exercises.

Year I – Semester II

	<i>Subject</i>	<i>C/E</i>	<i>H/Week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>Ex</i>		
1	Mathematics II	C	3	3	6.5	Dr.sc. Fitore Abdullahu
2	Technical Mechanics I	C	2	2	6.0	Dr.sc. Rame Likaj
3	Non-motorized traffic	C	2	2	6.0	Dr.sc. Gëzim Hoxha
4	CAD	C	2	2	6.0	Dr.sc. Sadullah Avdiu
5	Information and Communication Systems	C	2	2	5.5	Dr.sc. Ahmet Shala
	ECTS/Semester				30	

C-compulsory, E- elective, L-lectures, Ex- exercises.

Year II - Semester III

	<i>Subject</i>	<i>C/E</i>	<i>H/Week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>Ex</i>		
1	Fundamentals of motor vehicle	C	2	2	6.0	
2	Technical Mechanics II	C	2	2	6.0	
3	Fundamentals of traffic technology	C	2	2	6.0	
4	Fundamentals of traffic infrastructure	C	2	2	6.0	
5	Foreign Language II (ENG, GER, FRE)	E	2	2	6.0	
ECTS/Semester					30	

C-compulsory, E- elective, L-lectures, Ex- exercises.

Year II - Semester IV

	<i>Subject</i>	<i>C/E</i>	<i>H/Week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>Ex</i>		
1	Electrotechnics	C	2	2	5.0	
2	Roads and objects in traffic	C	2	2	5.0	
3	Freight Forwarding	C	2	2	5.0	
4	Traffic planning	C	2	2	5.0	
5	Basic economics and project management	C	2	2	6.0	
6	Infrastructural Projects	E	2	1	4.0	
6	Mechanical Engineering	E	2	1	4.0	
6	Smart Mobility	E	2	1	4.0	
ECTS/Semester					30	

C-compulsory, E- elective, L-lectures, Ex- exercises.

Clarification: The total number of credits (ECTS) accumulated for the second year is 60 ECTS - credits.

YEAR III- Semester V

	<i>Subject</i>	<i>C/E</i>	<i>H/Week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>U</i>	<i>ECTS</i>	
1	Traffic flow theory	C	2	2	6.5	
2	Evaluation and Maintenance of road network	C	2	2	6.5	
3	Public Transportation	C	2	2	6.5	
4	Intelligent Transport Systems	C	2	2	6.0	
5	Rail Transport	E	2	1	4.5	
5	Properties of goods transport in traffic	E	2	1	4.5	
5	Transport vehicles in traffic	E	2	1	4.5	
5	Materials Science in Traffic	E	2	1	4.5	
	ECTS/Semester				30	

C-compulsory, E- elective, L-lectures, Ex- exercises.

YEAR III - Semester VI

	<i>Subject</i>	<i>C/E</i>	<i>H/Week</i>		<i>ECTS</i>	<i>Lecturer</i>
			<i>L</i>	<i>U</i>	<i>ECTS</i>	
1	Traffic Flow Control	C	2	2	5.0	
2	Traffic Safety I	C	2	2	5.0	
3	Exploitation and Maintenance of vehicles	C	2	2	5.0	
4	Integral and Intermodal Systems	C	2	2	4.0	
5	Air traffic	E	2	1	4.0	
5	Statistics engineering in traffic	E	2	1	4.0	
5	Academic writing	E	2	1	4.0	
	Professional Internship	C			2.0	
	Diploma Thesis	C			5.0	
	ECTS/Semester				30	

C-compulsory, E- elective, L-lectures, Ex- exercises.