

Table 5.1.b. Course schedule by semesters and years of study for **master academic studies**
- ROAD TRAFFIC ENGINEERING

No	Code	Course name	S	Active learning classes				Other classes	ECTS	C/O	Type of course
				L	P	IRP	OTC				
FIRST YEAR											
1.	MDS-01	Research Methodology	1	2	2	0	0		5	C	TM
2.	MDS-02	Quality System in Road Traffic	1	3	4	0	0		7	C	TM
3.	MDS-03	Foreign Language (English, French)	1	2	2	0	0		4	C	TM
OPTIONAL COURSES 1											
4. 5.	MDS-04	Intelligent Systems in Managing Traffic	1	3	3	0	0		7	O - 1	PA
	MDS-05	Evaluation of Traffic Projects	1	3	3	0	0		7	O - 1	PA
	MDS-06	Innovations and Technologies	1	3	3	0	0		7	O - 1	TM
	MDS-07	Traffic Infrastructure and Safety	1	3	3	0	0		7	O - 1	PA
Total class number (lectures+practice, OTC, other classes) and ECTS in the year				13	14	0					
Total number of active classes in a year				27							
OPTIONAL COURSES 2											
6. 7.	MDS-08	Traffic Accident Prevention	2	3	3	0	0		6	O - 2	PA
	MDS-09	Passenger and Goods Transport System	2	3	3	0	0		6	O - 2	PA
	MDS-10	Dynamics of Motor Vehicles	2	3	3	0	0		6	O - 2	PA
	MDS-11	Information Systems in Road Transport	2	3	3	0			6	O - 2	PA
8.	MDS-12	Managing Traffic Design	2	3	4	0	0		7	C	PA
9.	MDS-13	Internship	2	0	0	0	0	6	3	C	PA
10.	MDS-14	Master Thesis – Research Paper	2	0	0	0	0	2	1	C	PA
11.	MDS-15	Master Thesis – preparing and defending paper	2	0	0	1	0	1	7	C	PA
Total class number (lectures+practice, OTC, IRP/ PRP, other classes) and ECTS in the year				9	10	1		9			
Total number of active classes in a year				47							
Total number of active classes, other classes and credits for all study years				56							60
Note: Optional courses 1 - a student chooses 2 out of 4 optional courses in the 1 st semester Optional courses 2 - a student chooses 2 out of 4 optional courses in the 2 nd semester											

S - semester

L - lecture

P - practice

C - compulsory

O - optional

IRP - Independent research project

OTC - other types of classes

TM -Theoretical and methodological

PA - Professional and applicable