

Study program: Road Traffic Engineering			
Course title: Research Paper			
Professor/assistant: Mentor of the master's thesis			
Type of course: Compulsory			
ECTS credits: 10			
Prerequisites: Second year - enrolled			
Aims of the course: The use of acquired (theoretical, methodological, scientific, professional and applicative) knowledge and methods in solving tasks and problems; observing structure, project's complexity; analysis of literature, projects and other documents; organizing and realizing experiments; processing, interpreting and using the results of experiments.			
Learning outcomes: Students are trained to independently use acquired knowledge, methods and procedures in solving specific tasks, and design projects for solving practical problems.			
Syllabus: The syllabus is formed individually according to the needs, structure and complexity of the master's thesis.			
Literature: <ul style="list-style-type: none"> • Information (presentations, instructions, etc.) provided by professors and company/institution personnel • Company/institution organizational and normative regulations • Company/institution archive and other files • Professional literature (of student's choice and/or recommended by the professor or person in charge from the company/institution) • Journals, master's theses, publications from the given area 			
Total number of active classes: 90			
Teaching methods: -Consultation, practical work -Research paper -Discussions: explanation and defense of the research paper The mentor of the master's thesis, together with the student, defines the aim and plan of the paper. The student examines professional literature and articles or papers written by other students who worked on similar topics, and does a research and analyzes in order to find a solution to the specific problem that the thesis addresses. The student independently works on the research paper, and upgrades his knowledge of the selected subject by conducting researches, statistical data analysis, and working on projects. During this process, the mentor may give additional instructions, recommend literature, and guide student's work. The student can ask for advice either his mentor or other professors who work in the same field.			
Grading system (maximum 100 points) grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51- 60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91- 100 points.			
Pre-exam obligations:	Points:	Final exam:	Points:
Practical training – research	50	Research paper	20
		Defense	30