

Course Unit Descriptor

Study Programme: Civil Engineering			
Course Unit Title: Urban Traffic Infrastructure			
Course Unit Code: 115			
Name of Lecturer(s): Igor Jokanović			
Type and Level of Studies: Bachelor Academic Degree			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: Basics of Traffic Infrastructure, Traffic Infrastructure and Space			
Course Aims: Acquiring basic knowledge on planning and designing traffic infrastructure in cities and settlements through a comprehensive approach to the problem and establishing interdependence of the development of the city and its traffic base, setting criteria and principles of program defining, and systematization of functional and technical parameters of roads in cities.			
Learning Outcomes: Planning and design of traffic infrastructure in cities and settlements.			
Syllabus: <i>Theory</i> City and traffic; Urban transport systems; Program and design requirements; Primary network; Intersections; Secondary network; Parking; Auxiliary equipment; Signalization; Methodology of planning and design. <i>Practice</i> Elaboration of design for reconstruction of urban streets.			
Required Reading: 1. Maletin, M., Planiranje saobraćaja i prostora, Univerzitet u Beogradu, Građevinski fakultet, Beograd, 2004. 2. Maletin, M., Planiranje i projektovanje saobraćajnica u gradovima, Orion art, Beograd, 2005. 3. Jokanović, I., Gradske saobraćajnice - Praktikum za izradu godišnjeg zadatka, Univerzitet u Novom Sadu, Građevinski fakultet, Subotica, 2016.			
Weekly Contact Hours: 4	Lectures: 2	Practical work: 2	
Teaching Methods: lectures, exercises, practical work, colloquium, consultations			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	15
Practical work	20	oral exam	20
Colloquium	40 (20 + 20)		
Seminar(s)			