

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Road Safety		Code 1010125131010122898
Field of study Transportation Engineering Extramural Second-	Profile of study (general academic, practical) general academic	Year /Semester 2 / 3
Elective path/specialty Road Engineering	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) part-time	
No. of hours Lecture: 15 Classes: - Laboratory: - Project/seminars: -		No. of credits 1
Status of the course in the study program (Basic, major, other) major		(university-wide, from another field) from field
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 1 100% 1 100%
Responsible for subject / lecturer: dr inż. Jarosław Wilanowicz email: jaroslaw.wilanowicz@put.poznan.pl tel. 61-665-24-86 Faculty of Civil and Environmental Engineering Piotrowo street, 3. Poznań		Responsible for subject / lecturer: Msc. Krzysztof Gruszczyński email: non tel. tel. 61 86 46 335 GDDKiA Oddział w Poznaniu Siemiradzkiego Str., Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has knowledge of road design guidelines and related technical specification. Student knows the rules of the design and construction of road earthworks; Student have a basic understanding of how to design road infrastructure.
2	Skills	Student is able to classify the elements of roads. Student is able to dimensioned the basic elements of the road. Student is able to prepare of preliminary road project.
3	Social competencies	Student is able to work independently. Student is aware of the need to raise their professional competence. Comply with the rules of ethics.
Assumptions and objectives of the course: 1) Transfer of knowledge in the analysis and assessment of road safety. 2) Manufacturing ability to identify and solve important problems in the field of traffic safety.		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. He knows the issues concerning the traffic safety. - [K_W08 i K_W19] 2. He knows the rules of making road safety audit. - [K_W10] 3. He knows the programs to improve the road safety in Poland and the world. - [K_W13]		
Skills: 1. He knows how to classify the road events (ie. accidents and collisions). - [K_U02] 2. He is able to analyze the traffic safety risks at the stage of designing construction projects and the stage of operation of road objects as well as implement the appropriate improvement measures of traffic safety. - [K_U12] 3. He can define the evaluation criteria used in the traffic safety audit. - [K_U13]		
Social competencies: 1. He is aware of the need for professional development. - [K_K06] 2. He is able to formulate and present opinions on the subject of road safety. - [K_K07] 3. He follows the rules of professional ethics. - [K_K11]		

Assessment methods of study outcomes		
The knowledge and skills students are evaluated on the basis of a written exam.		
Course description		
Road safety in law. Principles calming traffic by physical technical measures. Programs to improve road safety in Poland and the EU. Evaluation of the impact on road safety of road projects. Road safety audits of road projects Road safety management.		
Basic bibliography:		
1. Szczuraszek T., Bezpieczeństwo ruchu miejskiego, WKiŁ. 2005. 2. Praca zbiorowa, Badanie zagrożeń w ruchu drogowym, Wydawnictwo PAN 2005.		
Additional bibliography:		
1. Materials of national conference on road safety, particularly organized in collaboration with the Gambit Programme.		
Result of average student's workload		
Activity	Time (working hours)	
1. Direct participation of the student in the lectures.	15	
2. Learning student to prepare himself to pass the exam.	40	
3. Direct participation of the student in the writing exam.	1	
Student's workload		
Source of workload	hours	ECTS
Total workload	25	1
Contact hours	11	0
Practical activities	0	0