

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Preparation for diploma examination		Code 1010102131010120975
Field of study Civil Engineering Second-cycle Studies	Profile of study (general academic, practical) general academic	Year /Semester 2 / 3
Elective path/specialty Roads and Highways	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 3		No. of credits 7
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 7 100% 7 100%
Responsible for subject / lecturer: dr hab. inż. Mieczysław Słowik email: Mieczyslaw.Slowik@put.poznan.pl tel. 61 665 24 78 Faculty of Civil and Environmental Engineering ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Knowledge gained from course implemented in the full-time second degree studies in Civil Engineering, specialty Roads and Motorways.
2	Skills	The skills learned during the second degree course concerning design, construction and maintenance of roads.
3	Social competencies	Individual work on specific task.
Assumptions and objectives of the course: Substantive preparation of the Student to pass the final exam, checking his knowledge and the skills learned during the second degree course.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student has a systematic knowledge according to the program of the second degree course. - [-] 2. Student has the knowledge necessary to perform his Master thesis - [-] 3. Student knows the ways of presenting knowledge in the form of verbal, analytical, graphical and multimedia - [-]		
Skills:		
1. Student is able to link knowledge of different subjects (various areas) - [K_U05] 2. Student can choose the tool (analytical or numerical) to solve technical problems (concerning road construction) - [K_U13] 3. Student can, in accordance with scientific principles, to formulate and carry out preliminary research work leading to solutions of the problems arising in road engineering - [K_U17]		
Social competencies:		
1. Student is aware of the need to enhance his professional and personal competence - [K_K06] 2. Student is able to formulate and present opinions on civil engineering - [K_K07] 3. Student presentations in media are communicative - [K_K09]		
Assessment methods of study outcomes		

Preparation for the final exam assesses the supervisor based on the analysis of the correctness of a multimedia presentation concerning his Master thesis and based on checking the current Student state of the art required during final exam.		
Course description		
Program contents in accordance with the tasks detailed in the Master's thesis topic and framework issues of the final exam.		
Basic bibliography:		
1. Basic scientific and technical literature regarding the program of second degree course.		
Additional bibliography:		
1. Additional scientific and technical literature regarding the program of second degree course.		
Result of average student's workload		
Activity	Time (working hours)	
1. Consultation with the supervisor of Master thesis	172	
2. Individual preparation for the final exam	3	
Student's workload		
Source of workload	hours	ECTS
Total workload	175	7
Contact hours	3	0
Practical activities	0	0