

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma thesis preparation		Code 1010102131010120974
Field of study Civil Engineering Second-cycle Studies	Profile of study (general academic, practical) general academic	Year /Semester 2 / 3
Elective path/specialty Bridges and Underground Engineering	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: 7		No. of credits 15
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 %) 15 100% 15 100%
Responsible for subject / lecturer: dr hab.inż. Arkadiusz Madaj email: arkadiusz.madaj@put.poznan.pl tel. 61 647 5830 Budownictwa i Inżynierii Środowiska ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The knowledge mentioned in study program of Faculty of Civil and Environmental Engineering Poznań University of Technology ? I and II level study (see subject description cards)
2	Skills	The abilities mentioned in study program of Faculty of Civil and Environmental Engineering Poznań University of Technology ? I and II level study (see subject description cards)
3	Social competencies	The social competences mentioned in study program of Faculty of Civil and Environmental Engineering Poznań University of Technology ? I and II level study (see subject description cards)
Assumptions and objectives of the course: A composition of a master?s thesis.		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. The synthesis of knowledge gained during the study. - [K_W01 do K_W09, K_W12 do K_W19]		
Skills: 1. The synthesis of skills gained during the study. - [K_U01 do K_07, K_U09, K_U11 do K_U18, K_U21]		
Social competencies: 1. The synthesis of competences gained during the study. - [K_K01 do K_K_K10]		
Assessment methods of study outcomes		
The defence of master?s thesis.		
Course description		
The range of knowledge dependant on the thesis subject.		
Basic bibliography: 1. 1. Adaptation to thesis subject.		

Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
Student's workload		
Source of workload	hours	ECTS
Total workload	375	15
Contact hours	7	0
Practical activities	375	15