

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Preparation for diploma examination		Code 1010135241010100975
Field of study Enviromental Engineering Extramural Second-	Profile of study (general academic, practical) general academic	Year /Semester 2 / 4
Elective path/specialty Heating, Air Conditioning and And	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: - Classes: 0 Laboratory: - Project/seminars: -		No. of credits 5
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		ECTS distribution (number and %) 5 100%
Responsible for subject / lecturer: dr inż. Małgorzata Basińska email: malgorzata.basinska@put.poznan.pl tel. (61) 647 5824 Faculty of Civil and Environmental Engineering ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge (master level) - obtained within the scope of the subjects taught and the part-time degree in Environmental Engineering.
2	Skills	The skills acquired in the course of time studies degree - design, construction and operation of installations in buildings and external networks in the field of environmental engineering.
3	Social competencies	Ability to work independently.
Assumptions and objectives of the course: Preparation of students to pass the final exam, checking the knowledge and skills acquired in the course of studies.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. The student has systematized knowledge resulting from the program studies (II level) - [K_W03, K_W04, K_W05, K_W07] 2. The student has the knowledge gained during the implementation of the thesis. - [K_W05, K_W07, K_W10] 3. The student knows the ways of presenting knowledge in the form of verbal, analytical, graphical and multimedia. - [K_W10]		
Skills:		
1. The student is able to demonstrate knowledge gained during the study and during the implementation of the thesis in the final exam. - [K_U03, K_U04, K_U08, K_U09, K_U11] 2. The student is able to link knowledge of the various issues (different thematic areas). - [K_U06, K_U13, K_U14, K_U15, K_U16] 3. Student is able to convince the rightness his theses and has the ability to explain their solutions to people outside environment. - [K_U02, K_U03, K_U04]		
Social competencies:		
1. The student is aware the need to raise professional competence - [K_K01] 2. Student complements and extends knowledge of modern techniques, processes and technologies in environmental engineering. - [K_K01] 3. Student is able to communicate information clearly in the field of environmental engineering. - [K_K07]		
Assessment methods of study outcomes		

Preparation for the final exam evaluates based promoter prepared to defend the thesis multimedia presentation and the marks in the school.		
Course description		
Program content compatible with the tasks detailed in the tab thesis topic and the issues of master exam.		
Basic bibliography:		
1. Scientific literature - technical (basic) arising out of the study program		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. a	2	
2. b	60	
Student's workload		
Source of workload	hours	ECTS
Total workload	62	5
Contact hours	2	0
Practical activities	0	0