

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject (-)		Code 1010134211010910493
Field of study Environmental Engineering Extramural First-	Profile of study (general academic, practical) (brak)	Year /Semester 1 / 1
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: First-cycle studies	Form of study (full-time,part-time) part-time	
No. of hours Lecture: - Classes: 30 Laboratory: - Project/seminars: -		No. of credits 4
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 4 100% 4 100%
Responsible for subject / lecturer: dr Katarzyna Matuszak email: katarzyna.matuszak@put.poznan.pl tel. 61 665 24 91 Centrum Języków i Komunikacji PP ul. Piotrowo 3a, 60-965 Poznań		Responsible for subject / lecturer: Katarzyna Matuszak email: katarzyna.matuszak@put.poznan.pl tel. 61 665 24 91 Centrum Języków i Komunikacji PP ul. Piotrowo 3a, 60-965 Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The already acquired language competence compatible with level B1 (CEFR)
2	Skills	The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills
3	Social competencies	The ability to work individually and in a group; the ability to use various sources of information and reference works.
Assumptions and objectives of the course:		
1. Advancing students? language competence towards at least level B2 (CEFR).		
2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills.		
3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques).		
4. Improving the ability to function effectively on an international market and on a daily basis.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Elements of mathematics and geometry. The pollution of natural resources. Water pollution and water treatment. The collection and transport of wastewater. and to be able to define and explain associated terms, phenomena and processes. - [-T1A_W02,T1A_W01,T1A_W05]		
2. As a result of the course, the student ought to acquire field specific vocabulary related to the following issues: - [-]		
Skills:		
1. As a result of the course, the student is able to: - [-T1AU01,T1A-U03]		
2. give a talk on field specific or popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire express basic mathematical formulas and to interpret data presented on graphs/diagrams formulate a text in English where he/ she explains/ describes a selected field specific topic - [-T1A_U04. T1A_U06]		
Social competencies:		
1. As a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment. - [-T1A_K01,T1A_K03,T1A-K07]		

Assessment methods of study outcomes		
?	Formative assessment: oral and written tests, MT test, presentations	
?	Summative assessment: credit	
To obtain a positive assessment the student is obliged to pass the material covered by the program with at least 50%.		
Course description		
<p>Developing general and technical vocabulary. Reading comprehension practice of professional scientific texts. Discussing environmental engineering issues with special reference to the pollution of natural resources, water pollution, water treatment and sewerage systems. A description of technological processes, materials and shapes; giving measurements. Describing graphs, charts and tables. Teaching methods are based on the improvement of four basic language skills (listening, speaking, reading, writing), which are a medium for broadening knowledge in the field of technical topics.</p>		
Basic bibliography:		
1. Grzeżożek, M./ Starmach, I. 2004. English for Environmental Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.		
Additional bibliography:		
1. Hanf, B. 2001. Angielski w technice. Poznań: Wyd. LektorKlett (PONs). Harding, K. and Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. Dziuba, D. 2013. Environmental Issues. Angielski dla studentów ochrony środowiska. Łódź: Wyd. U. Łódź. Evans, V./ Dooley, J./ Rodgers, K. 2013. Environmental Engineering. Berkshire: Express Publishing. Evans, V./ Dooley, J./ Blum, E. 2013. Environmental Science. Berkshire: Express Publishing. Johnson, D./ Johnson, C.M. 1998. General Engineering. Hertfordshire: Prentice Hall. Otto, B. / Otto, M. 2007. Here is the news. Warszawa: Poltext. 2. Hanf, B. 2001. Angielski w technice. Poznań: Wyd. LektorKlett (PONs). 3. Harding, K. and Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. 4. Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. 5. Dziuba, D. 2013. Environmental Issues. Angielski dla studentów ochrony środowiska. Łódź: Wyd. U. Łódź. 6. Evans, V./ Dooley, J./ Rodgers, K. 2013. Environmental Engineering. Berkshire: Express Publishing. 7. Evans, V./ Dooley, J./ Blum, E. 2013. Environmental Science. Berkshire: Express Publishing. 8. Johnson, D./ Johnson, C.M. 1998. General Engineering. Hertfordshire: Prentice Hall. 9. Otto, B. / Otto, M. 2007. Here is the news. Warszawa: Poltext.		
Result of average student's workload		
Activity		Time (working hours)
1. Contact hours		30
2. Practical activities		30
Student's workload		
Source of workload	hours	ECTS
Total workload	100	4
Contact hours	30	1
Practical activities	30	1