

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject German Language		Code 1010101241010910534
Field of study Environmental Engineering First-cycle Studies	Profile of study (general academic, practical) general academic	Year /Semester 2 / 4
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: 60 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 Technical sciences		ECTS distribution (number and %) 4 100% 4 100%
Responsible for subject / lecturer: mgr Ewa Kapalczyńska email: ewa.kapalczynska@put.poznan.pl tel. 61 6652792 Inter-Faculty Units ul. Piotrowo 3a, 60-965 Poznań		Responsible for subject / lecturer: mgr Ewa Kapalczyńska email: ewa.kapalczynska@put.poznan.pl tel. 61 6652792 Inter-Faculty Units 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. Mathematics and geometry. Describing diagrams, graphs - [K_W01, K_W02, T1A_W05]		
2. Construction planning - [K_W01, K_W02, T1A_W05]		
3. Building Material - [K_W01, K_W02, T1A_W05]		
4. Energy performance of buildings - [K_W01, K_W02, T1A_W05]		
5. Bridges - [K_W01, K_W02, T1A_W05]		
Skills:		
1. As a result of the course, the student is able to give a talk on field specific or popular science topic (in German) - [K_U02, K_U03, K_U04, K_U06]		
2. The student is able to express basic mathematical formulas and to interpret data presented on graphs/diagrams - [K_U02, K_U03, K_U04, K_U06]		
3. The student is able to discuss general and field specific issues using an appropriate linguistic and grammatical repertoire - [K_U02, K_U03, K_U04, K_U06]		
4. The student is able to formulate a text in German where he/she explains/describes a selected field specific topic - [K_U02, K_U03, K_U04, K_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 German. - [K_K01, K_K03, K_K07]
2. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment. - [K_K01, K_K03, K_K07]

Assessment methods of study outcomes
-Formative assessment: tests during academic year (written and oral, MT) 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
-Mathematics and geometry -Describing diagrams, graphs. -Construction planning and realization, construction documents -Main civil engineering professions -Types of building materials- brick, granite, ecological materials, artificial materials -Energy saving buildings ? passive house, wooden house -Types construction of bridges -Presentations

Basic bibliography:
1. Targosz, E.: Energiesparendes und umweltfreundliches Bauen, Wyd. Politechniki Krakowskiej, Kraków 2017 2. Targosz, E.: Angst vor Fachtexten, Wyd. Politechniki Krakowskiej, Kraków 2005

Additional bibliography:
1. Olejnik, H.: Deutsch für technische Berufe, Wyd. Politechniki Gdańskiej, Gdańsk 2005 2. Zahorcova, J.: Deutsch für Architekten, Road , Bratislava 2001 3. Ratajczak, M./Kuch, M.: Język niemiecki zawodowy w budownictwie, WSiP, Warszawa 2013 Jabłońska, D.:Energie, Roboter, Autos, Züge, Politechnika Krakowska, Kraków 2014 4. Matuszak, E./Tomaszczyk, A.: Deutsch für Profis-branża budowlana, LektorKlett, Poznań 2013 5. Zettl, E. : Aus moderner Technik und Naturwissenschaft, Hueber Verlag, Ismaning 2003 6. Becker, J./ Merkelbach, M.:Deutsch am Arbeitsplatz, Cornelsen Schulverlage, Berlin 2013 7. Steinmetz, M./Dintera, H.: Deutsch für Ingenieure, Springer Vieweg, Wiesbaden 2014 8. Perlmann ,M./Schwalb, S.: Sicher B2, München 2010

Result of average student's workload		
Activity	Time (working hours)	
Student's workload		
Source of workload	hours	ECTS
Total workload	120	4
Contact hours	60	2
Practical activities	60	2