

| <b>STUDY MODULE DESCRIPTION FORM</b>   |  |   |
|--|--|---|
| Name of the module/subject<br><b>(-)</b>   |  | Code<br><b>1010104151010910493</b>  |
| Field of study<br><b>Civil Engineering First-cycle Studies</b>   | Profile of study<br>(general academic, practical)<br><b>(brak)</b> | Year /Semester<br><b>3 / 5</b>  |
| Elective path/specialty<br><b>-</b>  | Subject offered in:<br><b>English</b>                              | Course (compulsory, elective)<br><b>elective</b>  |
| Cycle of study:<br><b>First-cycle studies</b>  | Form of study (full-time, part-time)<br><b>part-time</b>           |   |
| No. of hours<br>Lecture: - Classes: <b>20</b> Laboratory: - Project/seminars: -  |  | No. of credits<br><b>2</b>  |
| Status of the course in the study program (Basic, major, other)<br><b>(brak)</b>   |  | (university-wide, from another field)<br><b>(brak)</b>  |
| Education areas and fields of science and art  |  | ECTS distribution (number and %)  |
| <b>Responsible for subject / lecturer:</b><br><br>mgr Małgorzata Bączyńska<br>email: malgorzata.baczynska@put.poznan.pl<br>tel. 061 665 24 91<br>Centre of Languages and Communication (InterFaculty Unit)<br>ul. Piotrowo 3a  |  |   |
| <b>Prerequisites in terms of knowledge, skills and social competencies:</b>  |  |   |
| 1  | <b>Knowledge</b>   | The already acquired language competence compatible with level B1 (CEFR)  |
| 2  | <b>Skills</b>  | The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills |
| 3  | <b>Social competencies</b>   | The ability to work individually and in a group; the ability to use various sources of information and reference works.                             |
| <b>Assumptions and objectives of the course:</b><br>1. Advancing students' language competence towards at least level B2 (CEFR).<br>2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills.<br>3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques).<br>4. Improving the ability to function effectively on an international market and on a daily basis |  |   |
| <b>Study outcomes and reference to the educational results for a field of study</b>  |  |   |
| <b>Knowledge:</b><br>1. Building constructions ? bridges and their types - [T1A_W01 T1A_W02 T1A_W02]<br>2. Building constructions ? evolution of brudges - [T1A_W01 T1A_W02 T1A_W02]<br>3. Building constructions ? moderns types of bridges - [T1A_W01 T1A_W02 T1A_W02]<br>4. to be able to define and explain associated terms, phenomena and processes - [T1A_W01 T1A_W02 T1A_W02]  |  |   |
| <b>Skills:</b><br>1. 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 - [T1A_U02 T1A_U03 T1A_U04 T1A_U06]<br>2. express basic mathematical formulas and to interpret data presented on graphs/diagrams - [T1A_U02 T1A_U03 T1A_U04 T1A_U06]<br>3. conduct business correspondence in English - [T1A_U02 T1A_U03 T1A_U04 T1A_U06]   |  |   |
| <b>Social competencies:</b>  |  |   |

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. - [T1A\_K03 T1A\_K04 T1A\_K06]
2. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment. - [T1A\_K03 T1A\_K04 T1A\_K06]

| <b>Assessment methods of study outcomes</b>  |  |                             |
|--|--|-----------------------------|
| ?  | Formative assessment: continuous assessment during classes ? tests and oral evaluation |                             |
| ?  | Summative assessment: credit   |                             |
| <b>Course description</b>  |  |                             |
| - Bridges and their types<br>- Evolution of bridges<br>- modern types of bridges             |  |                             |
| <b>Basic bibliography:</b>   |  |                             |
| 1. Don A. Watson. 1978. ?Construction Materials and Processes?.                              |  |                             |
| 2. Bodo Hanf. 2001. ?Angielski w technice?.  |  |                             |
| 3. Anna Kucharska-Raczunas, Jolanta Maciejewska. 2010. ?Mathematics?.                        |  |                             |
| 4. Keith Harding&#38; Liz Taylor. 2005. ?International Express?.                             |  |                             |
| 5. Anna Ewy, Anna Jarczyk, Marta Sieńko. 2014, ?English for Building Materials Engineering?. |  |                             |
| 6. Virginia Evans, Jenny Dooley, Jason Revels. 2012. ?Construction. Buildings?.              |  |                             |
| <b>Additional bibliography:</b>  |  |                             |
| 1. Eliza Romaniuk, Joanna Wrana. 2007. ?Modern Wonders of Civil Engineering?.                |  |                             |
| 2. Wilhelm K. Killer. 2006. ?Polsko-Angielsko-Niemiecki Ilustrowany Słownik Budowlany        |  |                             |
| <b>Result of average student's workload</b>  |  |                             |
| <b>Activity</b>  |  | <b>Time (working hours)</b> |
|  |  |                             |
| <b>Student's workload</b>  |  |                             |
| <b>Source of workload</b>  | <b>hours</b>   | <b>ECTS</b>                 |
| Total workload   | 40   | 1                           |
| Contact hours  | 20   | 0                           |
| Practical activities   | 20   | 0                           |