

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Bridge construction		Code 1010104191010105899
Field of study Civil Engineering First-cycle Studies	Profile of study (general academic, practical) (brak)	Year /Semester 5 / 9
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: 18 Classes: - Laboratory: - Project/seminars: -		No. of credits 1
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		ECTS distribution (number and %) 1 100%
Responsible for subject / lecturer: dr inż. Wojciech Siekierski email: Wojciech.Siekierski@put.poznan.pl tel. 0-61 6653413 Wydział Budownictwa i Inżynierii Środowiska ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Podstawy mostownictwa
2	Skills	Obliczanie statyczno-wytrzymałościowe konstrukcji
3	Social competencies	Uczciwość Rzetelność
Assumptions and objectives of the course: Technology of bridge building		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Basics of bridge building - [K_W02, K_W07]		
Skills:		
1. Description of bridge building technology - [K_U02]		
2. Choice of bridge building technology - [K_U02]		
Social competencies:		
1. Reliability - [K_K01, K_K02]		
2. Honesty - [K_K01, K_K02]		
Assessment methods of study outcomes		
Colloquium		
Course description		
Technology of plate-girder, beam-girder, truss-girder, arch-girder bridge design		

Basic bibliography: 1. Madaj A., Wołowicki W.: Podstawy projektowania budowli mostowych 2. Ryżyński A., Wołowicki W., Skarżewski J., Karlikowski J.: Mosty stalowe 3. Madaj A., Wołowicki W.: Projektowanie mostów betonowych		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
Student's workload		
Source of workload	hours	ECTS
Total workload	20	1
Contact hours	18	0
Practical activities	0	0