

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Construction Project Management		Code 1010101171010111978
Field of study Civil Engineering First-cycle Studies	Profile of study (general academic, practical) (brak)	Year /Semester 4 / 7
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: 30 Classes: - Laboratory: - Project/seminars: -		No. of credits 3
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 %) 3 100% 3 100%
Responsible for subject / lecturer: dr inż. Tomasz Wiatr email: tomasz.wiatr@put.poznan.pl tel. 61 6652464, 61 6652457 Wydział Budownictwa i Inżynierii Środowiska ul. Piotrowo 5, 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Knowledge about buildings on the level of third year of study of general building combining designing and execution.
2	Skills	The ability to identify key parameters of the building in the context of building licences of I level study graduate.
3	Social competencies	Obtaining of holistic view for building from the perspective of future builder and wants for further education.
Assumptions and objectives of the course: Presentation of basic project management (PM) knowledge areas in the context of construction industry. Presentation of PMS class software capabilities, in contemporary context of BIM too. Knowledge organising from the point of view of the builder of smaller buildings for private investor.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Basic project management knowledge areas in the field of competence baseline based on international guidelines - [K_W10]		
Skills:		
1. Ability to appreciate the complex knowledge needed for self-routing of small construction project - [K_U12]		
Social competencies:		
1. Need of construction knowledge expanding in the context of bigger buildings designing and realisation. - [K_K04]		
Assessment methods of study outcomes		
The basis of assessment are workshops with written part and other current activities, additionally analysed is frequency of participation in lectures.		
Course description		
Explanation of the project management (PM) knowledge areas based on the competence baselines IPMA ICB with key elements within IPMA-Student. Presentation of polish project management software (PMS), in construction context, as well Open BIM. Discussion of the formal procedures related to construction project of small building from perspective of builder, i.e. main designer and construction manager at the same time too.		

Basic bibliography:		
1. Buczkowski A., Gładysiak J., Kowalski J., Kuiński M., Pawlicki D., Podwójski W., Skibiński B., Jak zbudować nowoczesnie dom jednorodzinny. PWRiL, Warszawa 2000.		
2. Fijałkowski T., Budowa domu. WG, Warszawa 2010.		
3. NCB Polskie Wytyczne Kompetencji IPMA Wersja 3.0. SPMP 2009.		
Additional bibliography:		
1. Tomana A., BIM. Innowacyjna technologia w budownictwie. Kraków 2015.		
2. Wiatr. T., Zarządzanie projektami inwestycyjnymi. Aktualne problemy i metody. SPMP Poznań 2008.		
3. Dałkowski B., Staśto L., Smurawa J., Zalewski M., Z., Przewodnik IPMA-Student: Wymagania kompetencyjne. SPMP/IPMA Polska.		
Result of average student's workload		
Activity	Time (working hours)	
1. Participation in lectures	30	
2. Own work/consultation	5	
Student's workload		
Source of workload	hours	ECTS
Total workload	30	3
Contact hours	5	1
Practical activities	0	0