		STUDY MODULE DE	SCRIPTION FORM			
	the module/subject	Code 1010135241010110144				
Field of		ering Extramural Second-	Profile of study (general academic, practical) ( <b>brak)</b>	Year /Semester		
	path/specialty		Subject offered in:	Course (compulsory, elective)		
		r Conditioning and And	Polish	obligatory		
Cycle of	study:		Form of study (full-time,part-time)			
Second-cycle studies			part-time			
No. of h				No. of credits		
Lectur Status o	f the course in the study	s: - Laboratory: - program (Basic, major, other) ( <b>brak)</b>	(university-wide, from another f	10 4 <sup>(jield)</sup>		
Educatio	on areas and fields of sci	ence and art		ECTS distribution (number		
	• • • • • • • • • • • •			and %)		
techn	ical sciences			100 4%		
Responsible for subject / lecturer: dr inż. Magdalena Hajdasz						
email: email: magdalena.hajdasz@put.poznan.pl tel. tel. 61 665 21 91 Faculty of Civil and Environmental Engineering Piotrowo 5, 60-965 Poznań						
		s of knowledge, skills and	I social competencies:			
1	Knowledge	Basic knowledge of building materials, technology and organisation of the construction process				
2	Skills	Skills in obtaining information fro Skills in analysing engineering ac	from the literature on the subject g activities			
3	Social	Workteam skills				
	competencies	Responsibility for the accuracy of	the results of one?s own work	k		
Unders	tanding the structure scheduling, developing	ectives of the course: of the investment process, basics on ng network models and of site layo	ut planning.	Ū		
Know	Study outco /ledge:	mes and reference to the o	educational results for	a field of study		
	-	re, rights and obligations of the par	ticipants involved in the invest	tment process - [[K2 W/08]]		
		and construction organization bas				
	0	tion documentation - [[K2_W08]]				
Skills						
1. Student can specify the structure of the investment process, knows rights and obligations of the participants involved in the construction process - [K2_U01, K2_U02, K2_U05]]						
alterna	tive solutions - [K2_L	nstruction schedule and network mo J01, K2_U02, K2_U05, K2_U09, K	2_U10, K2_U17]]			
3. Student knows how to develop a concept of the construction site management by taking into account the conditions during the implementation phase - [[K2_U01, K2_U02, K2_U05, K2_U10, K2_U17]]						
Social competencies:						
1. Student is aware of the significance and understands the non-technical aspects and otcomes of engineering activities - [[K2_K02]]						
<ol> <li>Student can properly determine priorities for the specific task realization - [[K2_K04]]</li> <li>Student recognises the need for a systematic development of competences and engineering knowledge - [[K2_K01]]</li> </ol>						
J. J.UU		ea for a systematic development of		ig knowledge - [[r\z_r\01]]		

## Assessment methods of study outcomes

Written exam: 60 minutes test, activity					
Presentation					
Rating scale:					
91-100 very good					
81-90 good plus					
71-80 good					
61-70 dostateczna plus sufficient plus					
51- 60 sufficient					
below 50 insufficient					
Course description					
Investment process organization. Stages of the investment process. Participants of the investment process and the scope of their duties. Introduction to the theory of organization and management. Schedules and network planning in construction management. Construction management taking into account the construction processes dynamics and variable environmental conditions. Time-cost analysis. Organizational structure. Project delivery systems. Construction site management and construction site layout planning. Construction documentation.					
Basic bibliography:					
1. Jaworski K.M., Podstawy organizacji budowy, Wydawnictwo Naukowe PWN, Warszawa, 2004					
2. Robbins.S.P., De Cenzo D.A., Podstawy Zarządzania, Polskie Wydawnictwo Ekonomiczne, Warszawa, 2002					
3. Meszek W., Żywica R., Żywica A., Organizacja procesu inwestycyjnego. Politechnika Poznańska 2003					
Additional bibliography:					
1. Dyżewski A., Technologia i organizacja budowy, Arkady, Warszawa, 1990					
2 Werner W., Zarządzanie w procesie inwestycyjnym, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2008					
Result of average student's workload					
Activity		Time (working hours)			
1. Participation in lectures	20				
2. Preparation of the project	10				
Student's workload					
Source of workload	hours	ECTS			
Total workload	30	4			

20

10

2

2

Contact hours

Practical activities