		STUDY MODULE D	ESCRIPTION FORM	
Name of the module/subject Requirements Engineering			Code 1011105311011160345	
Field of	study		Profile of study (general academic, practical)	Year /Semester
Engi	neering Manage	ment - Part-time studies -		1/1
Elective path/specialty Quality Systems and Ergonomics			Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study:			Form of study (full-time,part-time)	
	Second-c	ycle studies	part-time	
No. of h	ours			No. of credits
Lectu	e: 12 Classes	s: - Laboratory: -	Project/seminars:	- 2
Status of	of the course in the study	program (Basic, major, other)	(university-wide, from another	,
		other	univo	ersity-wide
Educati	on areas and fields of sci	ence and art		ECTS distribution (number and %)
techr	nical sciences			2 100%
	Technical scie	ences		2 100%
Resp	onsible for subj	ect / lecturer:		- I
-	nż. Katarzyna Ragin-S			
	, ,	precka@put.poznan.pl		
tel.	616653389			
-	dział Inżynierii Zarządz Strzelecka 11, 60-965			
		s of knowledge, skills an	d social competencies:	
	•		-	
1	Knowledge	Basic knowledge in the field of computer science and programming		
2	Skills	The ability to use the terms of pr	ogramming and computer scie	nce
3	Social competencies	Awareness of the need to broad	en your knowledge	
Assu	mptions and obj	ectives of the course:		
The ai	m of the course is to p	resent basic information about ge	neral requirements engineering	)
	Study outoo	man and reference to the	advactional reculto for	a field of study
Know		mes and reference to the	euucalionai results for	a neiu or study
	vledge:	subject of contactual asianaas in r	elation to management science	as and ergological sciences and
applied		subject of contextual sciences in n s well as common and specific co ineering - [K2A_W01]		
2. kno [K2A_\		Is and tools for modeling informati	on processes in the aspect of r	equirements engineering -
3. kno	ws and understands t	he basic concepts and principles i ual property resources - [K2A_W1	•	strial property and copyright and
Skills	0	· · · · · -		
		acquired knowledge in various fiel s of the applied knowledge in requ		
		del complex social processes invol ols in the field of requirements eng		areas of social life with the use
Socia	al competencies:			
	ble to see cause-and- titive tasks - [K2A_K0	effect relationships in achieving th 3]	e set goals and to rank the imp	portance of alternative or
	ware of the interdiscip interdisciplinary teams	linary knowledge and skills neede s - [S2A_K06]	d to solve complex organizatio	nal problems and the need to

Assessment methods of	study outcomes				
lecture: forming evaluation - activity cards, summary evaluation - write	en exam				
exercises: formative assessment - current work on classes, summary	evaluation - design of the requ	uirements system			
Course descri	ption				
The subject includes the following topics: Introduction to the XPrince Non-functional requirements. Project initiation and planning. Acceptar					
Teaching methods:					
Lecture - informative and conversational lecture					
Exercises - project method, case study, brainstorming, demonstration	method				
Basic bibliography:					
1. Ragin-Skorecka K. (2005). UML - język opisu wymagań klientów. Z Zarządzanie, nr 41, s. 83-91	Zeszyty Naukowe Politechniki F	Poznańskiej. Organizacja i			
2. Chrabski B., Zmitrowicz K. (2015). Inżynieria wymagań w praktyce. Wydawnictwo Naukowe PWN.					
3. Wiegers K.E., Beatty J. (2014). Specyfikacja oprogramowania: inży	/nieria wymagań. Helion.				
4. Zmitrowicz K. (2015). Analityk systemów: przygotowanie do egzam	ninu z inżynierii wymagań. Wyd	lawnictwo Naukowe PWN			
Additional bibliography:					
1. Ragin-Skorecka K., Nowak F. (2016). Information Is The Key In Op In Management. Vol. 5, no. 2, p. 227-236	timization of Transport Proces	ses. Information Systems			
2. http://itcareer.pl/images/inzynieriawymagan.pdf					
3. http://www.ptzp.org.pl/files/konferencje/kzz/artyk_pdf_2016/T2/t2_0	)812.pdf				
Result of average stude	ent's workload				
Activity		Time (working hours)			
1. lectures		12			
2. test	2				
3. preparation for passing		12			
4. consultations	10				
Student's wor	kload				
Source of workload	hours	ECTS			
Total workload	36	2			
Contact hours	24	1			
Practical activities	14	1			