		STUDY MODULE D	ES	CRIPTION FORM		
Name of the module/subject Data security				( 1		<sup>de</sup> 10331571010330124
Field of	study			Profile of study	al)	Year /Semester
Information Engineering				general academi	C	4/7
Elective path/specialty				Subject offered in:		Course (compulsory, elective)
Quala	Security of Int	formation Technology (IT	)	Polish	- )	obligatory
Cycle of	First-cyc	cle studies	For	m or study (ruii-time,part-tim	<sub>e)</sub> I-tim	e
No. of h	ours		No. of credits			
Lectur	e: - Classes	s: - Laboratory: 15	5	Proiect/seminars:	15	4
Status o	of the course in the study	program (Basic, major, other)	(	university-wide, from anothe	er field)	
		other		uni	vers	ity-wide
Education areas and fields of science and art						ECTS distribution (number and %)
techr	nical sciences				4 100%	
Resp	onsible for subje	ect / lecturer:				1
dr ir	nż. Anna Grocholewsk	a-Czuryło				
email: anna.grocholewska-czurylo@put.poznan.pl						
tel. 61-665 35 31 Wydział Elektryczny						
ul. F	Piotrowo 3A 60-965 Pc	oznań				
Prere	quisites in term	s of knowledge, skills an	d se	ocial competencies	S:	
1 <b>Knowledge</b> Has structured knowledge based on a theoretical foundation in the area of basic a and their analysis, algorithm design techniques, abstract data structures and their implementation, computationally hard problems.						area of basic algorithms tures and their
		Has structured knowledge base technologies and data protection	ed on n bas	a theoretical foundation sics.	in the	area of network
2	Skills	Is able to search for information acquired information, interpret it	in literature, databases and other sources; is able to integrate , draw conclusions and formulate and argument opinions.			
3	Social competencies	Is able to construct algorithms u	using	basic algorithmic technic	ques a	nd analyse their complexity.
Assu	mptions and obj	ectives of the course:				
The go	al of the course is to b	proaden the ability to apply data p	rotec	ction methods in informat	ion sy	stems.
	Study outco	mes and reference to the	ed	ucational results fo	or a f	ield of study
Knov	vledge:					
1. Has securit	structured knowledge y [-]	based on a theoretical foundation	n in t	he area of data protectio	n and	information systems
Skills	:					
1. Is at	ble to apply appropriat	e data protection methods and en	nsure	security of the information	on sys	stem [-]
Socia	al competencies:					
1. Is av culture	vare of the importance s [-]	e of professional behaviour, follow	ving p	professional ethics and re	espect	ing diverse views and
		Assessment metho	ds d	of study outcomes		
Labora	tony class with sacring	a bacad an processo report - ports	ormo	d ovoroisos, quality of re-	oorto	and final test
Labora	iory class with scoring	y based on presence record, penc	une	u exercises, quality of re		anu nindi lesi.

Project is scored based on presence record, project work and project documentation.

**Course description** 

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2. Teoria bezpieczeństwa systemów komputerowych, Pieprzyk J., Hardjono T., Seberry J., Helion, 2003						
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