Subject card

Subject name and code	Social Aspects of Information Technology, PG_00047677		
Field of study	Informatics		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study
			Humanistic-social subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Department of Software Engineering -> Faculty of Electronics, Telecommunications and Informatics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Jakub Miler	
	Teachers	dr inż. Jakub Miler	

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	15.0	0.0	30
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	30	2.0	18.0	50

Subject objectives	The goal of the course is to increase students awareness related to social and ethical results of IT applications and to teach them how to handle psychological dimensions of software projects.

Learning outcomes			
	Course outcome	Subject outcome	Method of verification
	[K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including:n - observing rules of professional ethics and require it from others,n - care for the achievements and traditions of the professionn	Student knows ACM/IEEE Software Engineering Code of Ethics and Professional Practice as well as methods of ethical analysis of IT applications.	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_U81] is able to communicate appropriately in foreign language at B2 level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments	not pertain to subject	[SU1] Assessment of task fulfilment
	[K6_W08] Knows and understands the fundamental dilemmas of modern civilisation and basic economic, legal and other conditions of various types of activities related to the field of study, including the basic concepts and principles in the field of industrial property and copyright protection.	Student understands issues related to mutual impact of IT and social phenomena.	[SW1] Assessment of factual knowledge
	[K6_U11] can plan and organise individual and team work	Student knows psychological fundamentals of team building and he/she can apply them.	[SU1] Assessment of task fulfilment

Subject contents	
	1. Introduction to the course, ethical and social aspects in computing
	2. Professional responsibility
	3. Ethics in software project
	4. Software Engineering Code of Ethics and Professional Practice
	5. Methods and tools for conducting ethical analysis
	6. Legal aspects: intellectual property, software licence, IT contacts and agreements
	7. Complience with law
	8. Communication in software project
	9. Presentations
	10. Team work
	11. Social phenomena over Internet
	12. Human factors in software project
	13. Results of 'psychology in programming' and perspectives of interdisciplinary software engineering
	14. People CMM

Prerequisites and co-requisites	No requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project	50.0%	50.0%
	Exam	50.0%	50.0%
Recommended reading	Basic literature	T.W. Bynum, S. Rogerson, Computer Ethics and Professional Responsibility, Blackwell Publishing, 2004 Wprowadzenie do etyki informatycznej, A. Kocikowski, K. Górniak-Kocikowska, T. Bynum (red.), Wydawnictwo "MRS„, Poznan, 2001 T. DeMarco, T. Lister, Czynnik ludzki, skuteczne przedsięwzięcia i wydajne zespoły, WNT, 2002	
	Supplementary literature	Proceedings of Requirements Engineering and Law (RELAW) conference	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		