

Faculty of Information and Communication Technology/Department of Fundamentals of Computer Science					
COURSE CARD					
Name of the course in polish	:	Praca Magisterska			
Name of the course in english	:	MSc Thesis			
Field of study	:	Algorithmic Computer Science			
Specialty (if applicable)	:				
Level and form of studies	:	II degree, stationary			
Type of course	:	compulsory			
Course code	:	W04INA-SM0006D			
Group of courses	:	Yes			
	Lectures	Exercides	Laboratory	Project	Seminar
Number of classes held in schools (ZZU)					
The total number of hours of student workload (CNPS)	600				
Assesment	pass				
For a group of courses final course mark	X				
Number of ECTS credits					
including the number of points corresponding to the classes of practical (P)					
including the number of points corresponding occupations requiring direct contact (BK)					
PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS					
COURSE OBJECTIVES					
C1 Conducting independent research and writing a master's thesis					
COURSE LEARNING OUTCOMES					
The scope of the student's knowledge:					
W1 Learn a new topic of Computer Science					
W2 He will learn about the principles of writing scientific works					
The student skills:					
U1 Able to build an application related to the study problem					
U2 Able to read the professional literature					
U3 Can write a scientific paper					
U4 He can prepare a professional multimedia presentation					
The student's social competence:					
K1 Demonstrates the intellectual independence					
K2 Is able to work with other people					

COURSE CONTENT		
Module for writing a MSc thesis. It typically contains the analysis of literature, conducting preliminary research, the construction of the appropriate application, analyzing the properties of the application / conduct relevant research, thesis writing, preparing presentations, and preparation for the MSc exam.		
Applied learning tools		
<ol style="list-style-type: none"> 1. Solving tasks and problems 2. Consultation 3. Self-study students 		
EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS		
Value	Number of training effect	Way to evaluate the effect of education
F1	W1-W2, U1-U4, K1-K2	The quality of the master's thesis
P=100%*F1		
BASIC AND ADDITIONAL READING		
<ol style="list-style-type: none"> 1. literature recommended by the promoter 2. documentation of tools used to implement applications 		
SUPERVISOR OF COURSE		
prof. Jacek Cichoń		

MATRIX OF LEARNING OUTCOMES FOR THE SUBJECT
Praca Magisterska

WITH LEARNING OUTCOMES IN THE FIELD OF ALGORITHMIC COMPUTER SCIENCE

Subject learning effect	Relating the subject effect to the learning outcomes defined for the field of study	Objectives of the course**	Program content**	Teaching tool number**
W1	K2_W04 K2_W05 K2_W06 K2_W09	C1		2 3
W2	K2_W05 K2_W10	C1		2 3
U1	K2_U01 K2_U02 K2_U03 K2_U04	C1	Wy1-Wy2	1 2 3
U2	K2_U06 K2_U08 K2_U11 K2_U13	C1	Wy1-Wy2	1 2 3
U3	K2_U06 K2_U07 K2_U08 K2_U10 K2_U11 K2_U12	C1	Wy1-Wy2	1 2 3
U4	K2_U08	C1	Wy1-Wy2	1 2 3
K1	K2_K01 K2_K02 K2_K03 K2_K10	C1		1 2 3
K2	K2_K01 K2_K02 K2_K04 K2_K05 K2_K10 K2_K12	C1		1 2 3