

Kierunek studiów: Computer Science

the first level studies in English

(from academic year 2008/2009)

semester	Course	Code	Number of hours	ECTS	Form of assessment	2008/2009				2009/2010				2010/2011				
						Sem. I		Sem. II		Sem. III		Sem. IV		Sem. V		Sem. VI		
						lec.	tut.	lab.	ECTS	lec.	tut.	lab.	ECTS	lec.	tut.	lab.	ECTS	lec.
I	Application Software	AS0 ENG	30	3	C			30	3									
	Basic Computer Skills	BC0 ENG	30	3	C			30	3									
	Introduction to Computer Science	IC0 ENG	60	6	E	30	30		6									
	Introduction to Programming 1	IP1 ENG	60	6	C	30		30	6									
	Linear Algebra with Analytic Geometry	LA0 ENG	60	6	E	30	30		6									
	Mathematical Analysis for Computer Science Students 1	MA1 ENG	90	7	C	30	30	30	7									
	Physical Education	WF01 OOO	30	0	C		30		0									
II	Elements of Algebra and Number Theory	EA0 ENG	60	6	E					30	30		6					
	Introduction to Operating Systems	IO0 ENG	60	6	E					30		30	6					
	Introduction to Programming 2	IP2 ENG	60	6	E					30		30	6					
	Logic with Elements of Set Theory	LS0 ENG	60	6	E					30	30		6					
	Mathematical Analysis for Computer Science Students 2	MA2 ENG	60	9	E					30	30		9					
	Physical Education	WF01 OOO	30	0	C					30			0					
III	Computer Architecture	CA0 ENG	30	4	C							30			4			
	Computer Networks	CN0 ENG	60	6	E							30		30	6			
	Discrete Mathematics	DM0 ENG	60	6	E							30	30		6			
	Introduction to Databases	ID0 ENG	60	6	E							30		30	6			
	Programming Languages 1	PL1 ENG	60	6	C							30		30	6			
IV	Algorithms and Data Structures 1	AD1 ENG	60	6	E								30		30	6		
	Computer Graphics 1	CG1 ENG	60	6	E								30		30	6		
	Introduction to Numerical Methods	IN0 ENG	60	6	E								30		30	6		
	Probability Methods	PM0 ENG	60	6	E								30	30		6		
	Programming Languages 2	PL2 ENG	60	7	E								30		30	7		
	Physical Education	WF01 OOO	30	0	C								30			0		
V	Algorithms and Data Structures 2	AD2 ENG	60	6	E									30		30	6	
	Degree Project 1	DP1 ENG	30	5	C											30	5	
	Embedded systems	MS0 ENG	30	3	C											30	3	
	Introduction to Differential Equations	DI0 ENG	60	6	E								30	30		6		
	Legal Aspects of Computer Science	LC0 ENG	30	2	C									30		2		
	Software Engineering	SI0 ENG	30	3	E									30		3		
	History of Computer Science	HC0 ENG	30	2	C									30		2		
	<i>Optional course</i>		30	3	C											30	3	
VI	Degree Project 2	DP2 ENG	30	5	C												30	5
	Design of Computer Software Syst.	DS0 ENG	60	6	E										30		30	6
	Elements of Artificial Intelligence	EI0 ENG	60	6	E										30		30	6
	Philosophy	PH0 ENG	30	2	C										30		2	
	Visual Programming	VP0 ENG	60	6	E										30		30	6
	XML Applications in the Internet	XM0 ENG	30	3	C												30	3
	<i>Optional course</i>		30	3	C													30
Apprenticeship			6															
Bachelor's Exam			10															
Total			1890	200		360	31	330	33	270	28	330	31	300	30	300	31	

lec - lectures
tut - tutorials or seminars
lab - computer lab.
E - the course can be completed after passing an exam,
C - the course can be completed after passing a test (not an exam)

Program studiów zatwierdzony przez Radę Wydziału w dniu 13 grudnia 2006 roku.
Zmiany programu studiów zatwierdzone przez Radę Wydziału w dniu 24 września 2008 r i 21 października 2009r