

Field of study : Computer Science
 Profile of study: General academic
 degree studies: II
 Mode of study: Full-time programme
 For a year 2017/2018

SEMESTER	COURSES	CODE	Course details					Form of assessment	ECTS
			HOURS						
			Lectures	Tutorials / Seminars	Computer labs	Total			
I	Computer Aided Calculations	CC0U11			28	28	E	5	
	Artificial Intelligence	AI0UEN	28		28	56	E	6	
	Algorithmic Techniques	AT0UEN	28		28	56	E	5	
	Modelling and Simulation	MS0UEN	28		28	56	Z	5	
	Advanced Programming Techniques	TP0UEN			56	56	Z	6	
	Programming Web Services	PU0UEN	28		28	56	E	5	
	Semester 1 total:						Hours: 308	ECTS: 32	
II	Operations Research	BO0UEN	28	28		56	E	5	
	Graph and Network Theory	GF0UEN	28		28	56	E	5	
	Programming Paradigms and Languages	PD0UEN	28		28	56	E	5	
	Database Systems	SB0UEN			28	28	Z	3	
	Electives****		min	48		48	Z/E	12	
Semester 2 total:						Hours: 244	ECTS: 30		
III	Degree Project 1 and Preparation for MA	\$*1UEN			28	28	Z	7	
	IT Projects Management	ZP0UEN	28		28	56	E	6	
	Physical Education*	WF0U00		30		30	Z	0	
	Machine-Language Programming	JW0UEN	28		28	56	E	6	
	Electives****		min	44		44	Z/E	11	
Semester 3 total:						Hours: 214	ECTS: 30		
IV	Ethical Aspects of Computer Science	EI0UEN	28			28	Z	1	
	Degree Project 2 and Preparation for MA	\$*2UEN			28	28	Z	17	
	Application Servers	SA0UEN	28		28	56	Z	5	
	Electives****		min	32		32	Z/E	8	
Semester 4 total:						Hours: 144	ECTS: 31		
TOTAL THROUGHOUT THE STUDIES:						Hours: 910	ECTS: 123		

Study programme approved by the Council of the Faculty of Mathematics and Computer Science on .07.2013 and 19.10.2017