

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	Course details						
		CODE	HOURS				Form of assessment	ECTS
			Lectures	Tutorials / Seminars	Computer labs	Total		
I	Computer Aided Calculations	<u>CC0UJI</u>			28	28	E	5
	Artificial Intelligence	<u>AI0UEN</u>	28		28	56	E	6
	Algorithmic Techniques	<u>AT0UEN</u>	28		28	56	E	5
	Modelling and Simulation	<u>MS0UEN</u>	28		28	56	Z	5
	Advanced Programming Techniques	<u>TP0UEN</u>			56	56	Z	6
	Programming Web Services	<u>PU0UEN</u>	28		28	56	E	5
	<b>Semester 1 total:</b>					<b>Hours:</b>	<b>308</b>	<b>ECTS:</b>
II	Operations Research	<u>BO0UEN</u>	28	28		56	E	5
	Graph and Network Theory	<u>GF0UEN</u>	28		28	56	E	5
	Programming Paradigms and Languages	<u>PD0UEN</u>	28		28	56	E	5
	Database Systems	<u>SB0UEN</u>			28	28	Z	3
	Electives****		min	48		48	Z/E	12
<b>Semester 2 total:</b>					<b>Hours:</b>	<b>244</b>	<b>ECTS:</b>	<b>30</b>
III	Degree Project 1 and Preparation for MA	<u>\$*1UEN</u>			28	28	Z	7
	IT Projects Management	<u>ZP0UEN</u>	28		28	56	E	6
	Physical Education*	<u>WF0UOQ</u>		30		30	Z	0
	Machine-Language Programming	<u>JW0UEN</u>	28		28	56	E	6
	Electives****		min	44		44	Z/E	11
<b>Semester 3 total:</b>					<b>Hours:</b>	<b>214</b>	<b>ECTS:</b>	<b>30</b>
IV	Ethical Aspects of Computer Science	<u>EI0UEN</u>	28			28	Z	1
	Degree Project 2 and Preparation for MA	<u>\$*2UEN</u>			28	28	Z	17
	Application Servers	<u>SA0UEN</u>	28		28	56	Z	5
	Electives****		min	32		32	Z/E	8
<b>Semester 4 total:</b>					<b>Hours:</b>	<b>144</b>	<b>ECTS:</b>	<b>31</b>
<b>TOTAL THROUGHOUT THE STUDIES:</b>						<b>910</b>	<b>ECTS:</b>	<b>123</b>

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