

Field of study : Computer Science  
 Profile of study: General academic  
 degree studies: II  
 Mode of study: Full-time programme  
 For a year **2019/2020**

rok	SEMESTER	COURSES	Course details							
			CODE	Hours				Form of assessment	ECTS	
				Lectures	Tutorials / Seminars	Computer labs	Total			
	1	Analysis of Scientific Texts	<u>AX0UQI</u>		28		28	E	5	
	1	Artificial Intelligence	<u>AI0UEN</u>	28		28	56	E	6	
	1	Algorithmic Techniques	<u>AT0UEN</u>	28		28	56	E	5	
	1	Modelling and Simulation	<u>MS0UEN</u>	28		28	56	Z	5	
	1	Advanced Programming Techniques	<u>TP0UEN</u>			56	56	Z	6	
	1	Programming Web Services	<u>PU0UEN</u>	28		28	56	E	5	
<b>Semester 1 total:</b>							<b>308</b>	<b>p. ECTS:</b>	<b>32</b>	
I	2	Operations Research	<u>BO0UEN</u>	28	28		56	E	5	
	2	Graph and Network Theory	<u>GF0UEN</u>	28		28	56	E	5	
	2	Programming Paradigms and Languages	<u>PD0UEN</u>	28		28	56	E	5	
	2	Database Systems	<u>SB0UEN</u>			28	28	Z	3	
	2	Edition of Scientific Texts	<u>EX0UEN</u>	8		28	36	Z	2	
	2	<i>Electives****</i>		min	32		32	Z/E	8	
<b>Semester 2 total:</b>							<b>Hours (min):</b>	<b>264</b>	<b>p. ECTS:</b>	<b>28</b>
	3	Degree Project 1 and Preparation for MA	<u>\$*1UEN</u>			28	28	Z	7	
	3	IT Projects Management	<u>ZP0UEN</u>	28		28	56	E	6	
	3	Machine-Language Programming	<u>JW0UEN</u>	28		28	56	E	6	
	3	<i>Electives****</i>		min	48		48	Z/E	12	
<b>Semester 3 total:</b>							<b>Hours (min):</b>	<b>188</b>	<b>p. ECTS:</b>	<b>31</b>
II	4	Degree Project 2 and Preparation for MA	<u>\$*2UEN</u>			28	28	Z	15	
	4	Classes from Group HS		min	20		20	Z	5	
	4	Application Servers	<u>SA0UEN</u>	28		28	56	Z	5	
	4	<i>Electives****</i>		min	32		32	Z/E	8	
<b>Semester 4 total:</b>							<b>Hours (min):</b>	<b>136</b>	<b>p. ECTS:</b>	<b>33</b>
<b>TOTAL THROUGHOUT THE STUDIES:</b>							<b>Hours (min):</b>	<b>896</b>	<b>p. ECTS:</b>	<b>124</b>

Study programme approved by the Council of the Faculty of Mathematics and Computer Science on 15.05.2019

Mandatory courses not included in the study programme:

- Health and Safety Training on the e-learning platform,
- Copyright Training on the e-learning platform.