

Field of study: Computer Science  
 Profile of study: General academic  
 degree studies: II  
 Mode of study: Full-time programme  
 For a year 2020/2021

YEAR	SEMESTER	COURSES	Course details						
			CODE	Hours				Form of assessment	ECTS
				Lectures	Tutorials / Seminars	Computer labs	Total		
	1	Analysis of Scientific Texts	<u>AX0U0J</u>		28		28	E	5
	1	Artificial Intelligence	<u>A10U0J</u>	28		28	56	E	6
	1	Algorithmic Techniques	<u>AT0U0J</u>	28		28	56	E	5
	1	Modelling and Simulation	<u>MS0U0J</u>	28		28	56	Z	5
	1	Advanced Programming Techniques	<u>TP0U0J</u>			56	56	Z	6
	1	Programming Web Services	<u>PU0U0J</u>	28		28	56	Z	5
<b>Semester 1 total:</b>							<b>308</b>	<b>p. ECTS:</b>	<b>32</b>
I	2	Operations Research	<u>BO0U0J</u>	28	28		56	E	5
	2	Graph and Network Theory	<u>GF0U0J</u>	28		28	56	E	5
	2	Programming Paradigms and Languages	<u>PD0U0J</u>	28		28	56	E	5
	2	Database Systems	<u>SB0U0J</u>			28	28	Z	3
	2	Edition of Scientific Texts	<u>EX0U0J</u>	8		28	36	Z	2
	2	<i>Electives</i>		min	32		32	Z/E	8
<b>Semester 2 total:</b>							<b>Hours (min): 264</b>	<b>p. ECTS:</b>	<b>28</b>
	3	Degree Project 1 and Preparation for MA	<u>SS1EUI-*</u>			28	28	Z	7
	3	IT Projects Management	<u>ZP0U0J</u>	28		28	56	E	6
	3	Machine-Language Programming	<u>JW0U0J</u>	28		28	56	E	6
	3	<i>Electives</i>		min	48		48	Z/E	12
<b>Semester 3 total:</b>							<b>Hours (min): 188</b>	<b>p. ECTS:</b>	<b>31</b>
II	4	Degree Project 2 and Preparation for MA	<u>SS2EUI-*</u>			28	28	Z	15
	4	Classes from Group HS		min	20		20	Z	5
	4	Application Servers	<u>SA0U0J</u>	28		28	56	Z	5
	4	<i>Electives</i>		min	32		32	Z/E	8
<b>Semester 4 total:</b>							<b>Hours (min): 136</b>	<b>p. ECTS:</b>	<b>33</b>
<b>TOTAL THROUGHOUT THE STUDIES:</b>							<b>Hours (min): 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 and 19.02.2020

**Mandatory courses not included in the study programme:**

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