

Field of study: **Computer Science**  
 Profile of study: **General academic**  
 degree studies: **I (Bachelor degree studies)**  
 Mode of study: **Full-time programme**  
 For a year **2023/2024**

YEAR	SEMESTER	COURSES	Course details							
			CODE	Number of Hours					Form of assessment	ECTS
				Lectures	Tutorials / Seminars	Computer labs	Apprenticeship, others	Total		
	1	Discrete Mathematics with Elements of Logic	<a href="#">1100-MD0ADLLA</a>	28	28			56	E	6
	1	Introduction to Programming	<a href="#">1100-WP0ADLLA</a>	28		28		56	Z	6
	1	Operating Systems	<a href="#">1100-SO0ADLLA</a>	28		28		56	Z	6
	1	Introduction to Computer Science	<a href="#">1100-WI0ADLLA</a>	28	28			56	E	6
	1	Legal Aspects of Computer Science	<a href="#">1100-AP0ADLLA</a>	28				28	Z	3
	1	History of Computer Science	<a href="#">1100-HI0ADLLA</a>	28				28	Z	3
<b>Total after 1st semester:</b>				<b>Hours: 280</b>					<b>ECTS: 30</b>	
I	2	Foreign Language 1	<a href="#">1100-L1ADLO-A</a>		60			60	Z	2
	2	Algebra and Number Theory	<a href="#">1100-AT0ADLLA</a>	28	28			56	Z	5
	2	Mathematical Analysis	<a href="#">1100-AM0ADLLA</a>	28	28			56	E	5
	2	Object-Oriented Programming	<a href="#">1100-PO0ADLLA</a>	28		28		56	E	6
	2	Computer Networks	<a href="#">1100-SK0ADLLA</a>	28		28		56	E	6
	2	Software Engineering	<a href="#">1100-IO0ADLLA</a>	28				28	E	3
	2	Computer Graphics Basics	<a href="#">1100-PG0ADLLA</a>			28		28	Z	3
<b>Total after 2nd semester:</b>				<b>Hours: 340</b>					<b>ECTS: 30</b>	
	3	Foreign Language 2			60			60	Z	2
	3	Foreign Language Exam for B2 Level						0	E	3
	3	Block S		28				28	Z	2
	3	Databases Fundamentals		28		28		56	E	6
	3	Algorithms I		28		28		56	Z	5
	3	Physical Education 1	<a href="#">WF100Q</a>				30	30	Z	0
	3	Elective Block 1		max	96			96	Z/E	12
<b>Total after 3rd semester:</b>				<b>Hours max: 326</b>					<b>ECTS: 30</b>	
	4	Automata and Formal Languages		28	28			56	E	6
	4	Probability with Statistics		28		28		56	E	6
	4	Physical Education 2	<a href="#">WF200Q</a>				30	30	Z	0
	4	Algorithms II		28		28		56	E	6
	4	Elective Block 1		max	96			96	Z/E	12
<b>Total after 4th semester:</b>				<b>Hours max: 294</b>					<b>ECTS: 30</b>	
	5	Team Project				28		28	Z	4
	5	Introduction to Artificial Intelligence		28		28		56	E	6
	5	Degree Project 1 and Preparation for BA			28			28	Z	3
	5	Systems Security with Elements of Cryptography		28				28	E	3
	5	Elective Course I		max	28			28	Z	2
	5	Elective Block 2		max	96			96	Z/E	12
<b>Total after 5th semester:</b>				<b>Hours max: 264</b>					<b>ECTS: 30</b>	
	6	Degree Project 2			28			28	Z	12
	6	Apprenticeship					120	120	Z	4
	6	Elective Course II		max	28			28	Z	2
	6	Elective Block 2		max	96			96	Z/E	12
<b>Total after 6th semester:</b>				<b>Hours max: 272</b>					<b>ECTS: 30</b>	
<b>GRAND TOTAL :</b>				<b>Hours max: 1776</b>					<b>ECTS: 180</b>	

Study programme approved by the Council of the Faculty of Mathematics and Computer Science on 17.05.2023

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

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

Examples of subjects of Block S: Success on the Labour Market, Basics of Entrepreneurship and Management.