

Field of study : Computer Science
 Profile of study: General academic
 degree studies: II
 Mode of study: Full-time programme
 For a year **2021/2022**

YEAR	SEMESTER	COURSES	Course details						
			CODE	Hours				Form of assessment	ECTS
				Lectures	Tutorials / Seminars	Computer labs	Total		
	1	Analysis of scientific texts	AX0UOJ			28	28	E	5
	1	Artificial Intelligence	AI0UEN	28		28	56	E	6
	1	Algorithmic Techniques	AT0UEN	28		28	56	E	5
	1	Modelling and Simulation	MS0UEN	28		28	56	Z	5
	1	Advanced Programming Techniques	TP0UEN			56	56	Z	6
	1	Programming Web Services	PU0UEN	28		28	56	Z	5
Semester 1 total:						308	p. ECTS: 32		
I	2	Operations Research	BO0UEN	28	28		56	E	5
	2	Graph and Network Theory	GF0UEN	28		28	56	E	5
	2	Programming Paradigms and Languages	PD0UEN	28		28	56	E	5
	2	Database Systems	SB0UEN			28	28	Z	3
	2	Concurrent Programming	CP0UEN	28		28	56	Z	5
	2	Edition of scientific texts	EX0UEN	8		28	36	Z	2
	2	HS Classes 1		min	14		14	Z	2
	2	Electives		min	28		28	Z/E	4
Semester 2 total:						Hours (min): 330	p. ECTS: 31		
	3	Degree Project 1 and Preparation for MA	\$*1UEN			28	28	Z	7
	3	IT Projects Management	ZP0UEN	28		28	56	E	6
	3	Machine Learning		28		28	56	E	6
	3	Machine-Language Programming	JW0UEN	28		28	56	E	6
	3	Electives		min	28		28	Z/E	4
Semester 3 total:						Hours (min): 224	p. ECTS: 29		
II	4	Degree Project 2	\$*2UEN			28	28	Z	15
	4	Security of Network Environment	BE0UEN	28		28	56	Z	5
	4	Application Servers	SA0UEN	28		28	56	Z	5
	4	HS Classes 2		min	21		21	Z	3
	4	Electives		min	28		28	Z/E	4
Semester 4 total:						Hours (min): 189	p. ECTS: 32		
TOTAL THROUGHOUT THE STUDIES:						Hours (min): 1051	p. ECTS: 124		

Study programme approved by the Council of the Faculty of Mathematics and Computer Science on 24.03.2021

Examples of classes from HS group: Dilemmas of the 21st Century, Psychology of Decision Making

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.