

Field of study: **Informatyka (Computer Science)**

Profile of study: General academic

degree studies: I (Bachelor degree studies)

Mode of study: Full-time programme

For a year 2017/2018 and 2018/2019

YEAR	SEMESTER	COURSES	Course details							
			CODE	Hours				Form of assessment	ECTS	
				Lectures	Tutorials / Seminars	Computer labs	Apprenticeship, others			Total
1		Algebra and Number Theory	EA0ENG	28	28			56	E	6
1		Logic with Elements of Set Theory	LS0ENG	14	28			42	Z	4
1		IT Work Environment	ITOENG			56		56	Z	4
1		Introduction to Computer Science	IC0ENG	28	28			56	E	6
1		Introduction to Programming	PI0ENG	28		28		56	Z	6
1		Legal Aspects of Computer Science	LC0ENG	14				14	Z	1
1		History of Computer Science	HC0ENG	28				28	Z	3
I Semester 1 total:				Hours:				308	p. ECTS:	30
2		Mathematical Analysis 1	MA1ENG	28	28			56	E	6
2		Basic Programming	CP0ENG			28		28	Z	3
2		Programming and Data Structures	PD0ENG	28		28		56	E	6
2		Introduction to Operating Systems	IO0ENG	28		28		56	E	6
2		Architecture of Computer Systems	CA0ENG	28				28	Z	3
2		Electives		min 24				24	Z/E	6
II Semester 2 total:				Hours (min):				248	p. ECTS:	30
3		Algorithms and Complexity	AC0ENG	28		28		56	Z	5
3		Discrete Mathematics	DM0ENG	28	28			56	E	6
3		Object-Oriented Programming	OP0ENG	28		28		56	Z	5
3		Introduction to Databases	ID0ENG	28		28		56	E	6
3		Electives		min 40				40	Z/E	10
III Semester 3 total:				Hours (min):				264	p. ECTS:	32
4		Software Engineering	SI0ENG	28		28		56	E	5
4		Computer Networks	CN0ENG	28		28		56	E	5
4		Advanced Algorithms	AV0ENG	28		28		56	E	6
4		Methods of Probability and Statistics	PS0ENG	28	28			56	Z	5
4		Electives		min 40				40	Z/E	10
IV Semester 4 total:				Hours (min):				264	p. ECTS:	31
5		Physical Education	WP0LOO				30	30	Z	0
5		Team Project	TE0ENG			28		28	Z	4
5		Computer Graphics	CG0ENG	28		28		56	E	6
5		Electives		min 72				72	Z/E	18
V Semester 5 total:				Hours (min):				186	p. ECTS:	28
6		Degree Project and Preparation for BA	BA0ENG			28		28	Z	12
6		Apprenticeship	QP0LOI				120	120	Z	4
6		Electives		min 60				60	Z/E	15
VI Semester 6 total:				Hours (min):				208	p. ECTS:	31
TOTAL THROUGHOUT THE STUDIES:				Hours (min):				1478	p. ECTS:	182

Study programme approved by the Council of the Faculty of Mathematics and Computer Science on 3.07.2013r and 19.10.2017 and 15.05.2019