

2025/2026 - 2027/2028	Total Exam	Full-time studies					Part-time studies					E C T S
BUSINESS INFORMATICS FIRST CYCLE		Total hours	L	T	CL	S	Total hours	L	T	CL	S	
winter 2025/2026 - Semester 1	4	304	154	105	45	0	0	0	0	0	0	30
summer 2025/2026 - Semester 2	4	330	135	120	75	0	0	0	0	0	0	30
winter 2026/2027 - Semester 3	3	330	135	75	120	0	0	0	0	0	0	30
summer 2026/2027 - Semester 4	3	364	150	120	94	0	0	0	0	0	0	30
winter 2027/2028 - Semester 5	0	330	120	60	120	30	0	0	0	0	0	30
summer 2027/2028 - Semester 6	0	240	120	30	60	30	0	0	0	0	0	30

Course	Sem.	Credit form	Full-time studies					Part-time studies					ECTS
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
SECTION I. GENERAL COURSES - OBLIGATORY													
Introduction to Microeconomics	II	Exam	30	15	15								3
Introduction to Macroeconomics	II	Grade	30	15	15								3
Finance	II	Exam	30	15	15								3
Accounting	I	Exam	30	15	15								3
Management	I	Exam	60	30	30								6
Mathematics	I	Exam	60	30	30								6
Law	I	Grade	30	30									3
Information Technologies	I	Grade	30			30							3
Introduction to Research Methods	IV	Grade	15	15									2
TOTAL SECTION I			315	165	120	30	0	0	0	0	0	0	32
SECTION II. OBLIGATORY COURSES													
Introduction to Computer Science	I	Grade	30	15		15							3
Fundamentals of Information Systems	II	Exam	90	45	15	30							9
Statistics	III	Exam	60	30	15	15							6
System Analysis and Design	III	Exam	90	45		45							8
Databases	III	Exam	60	30		30							6
IT Project Management	IV	Exam	75	30	15	30							6
TOTAL SECTION II			405	195	45	165	0	0	0	0	0	0	38

Course	Sem.	Credit form	Full-time studies					Part-time studies					ECTS
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
SECTION III. OPTIONAL COURSES													
Digitalization of Business Models	I	Exam	60	30	30								6
Programming in MS.NET Technology	II	Exam	90	45		45							8
Object Oriented Programming in Python	III	Grade	60	30		30							6
ICT Based Knowledge Management	IV	Exam	45	30	15								5
Fundamentals of Artificial Intelligence	IV	Exam	30	15		15							4
Business Process Modeling	IV	Grade	60	30		30							6
Business Intelligence	V	Grade	30	15		15							3
Information Systems Security	V	Grade	30	15		15							2
Econometrics	V	Grade	30	15		15							2
Project Practice	VI	Grade	30	15		15							2
Matlab Application	VI	Grade	30	15		15							2
Computer Architecture and Operating Systems	IV	Grade	45	30		15							3
TOTAL SECTION III			540	285	45	210	0	0	0	0	0	0	49
SECTION IV. SPECIALIZATION COURSES													
Specialization Course	V	Grade	30	15		15							3
Specialization Course	V	Grade	60	30		30							6
Specialization Course	V	Grade	60	30		30							6
Specialization Course	VI	Grade	60	30		30							6
TOTAL SECTION IV			210	105	0	105	0	0	0	0	0	0	21
SECTION V. HUMANISTIC AND SOCIAL COURSES													
Humanistic Course I	VI	Grade	30	15	15								3
Humanistic Course II	VI	Grade	30	15	15								3
Social Course I	VI	Grade	15	15									1
Social Course II	VI	Grade	15	15									1
TOTAL SECTION V			90	60	30	0	0	0	0	0	0	0	8

Course	Sem.	Credit form	Full-time studies					Part-time studies					ECTS
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
SECTION VI. ACADEMIC COURSES - OBLIGATORY													
Electronic Sources of Scientific Information	IV	Credited	4			4							0
Occupational Health and Safety	I	Credited	4	4									0
Physical Training	IV	Credited	30		30								0
Physical Training	V	Credited	30		30								0
Foreign Language I - English - FT1	II	Grade	30		30								2
Foreign Language I - English - FT1	III	Grade	30		30								2
Foreign Language I - English - FT1	IV	Grade	30		30								2
Foreign Language II - FT1	II	Grade	30		30								2
Foreign Language II - FT1	III	Grade	30		30								2
Foreign Language II - FT1	IV	Grade	30		30								2
Foreign Language II - FT1	V	Grade	30		30								2
Bachelor Seminar	V	Credited	30				30						6
Bachelor Seminar	VI	Credited	30				30						12
Bachelor Thesis	VI	Credited											0
TOTAL SECTION VI			338	4	270	4	60	0	0	0	0	0	32
TOTAL HOURS			1898	814	510	514	60	0	0	0	0	0	180

LIST OF SPECIALIZATIONS													
System Design and Programming													
Database Design	V	Grade	30	15		15							3
Internet Application Development	V	Grade	60	30		30							6
Programming of Mobile Applications	V	Grade	60	30		30							6
User Interaction Design	VI	Grade	60	30		30							6

AI in Business and Management													
Artificial Intelligence for Improving Management	V	Grade	30	15		15							3
No-code Approach to Machine Learning	V	Grade	30	15		15							3
Natural Language Processing	V	Grade	30	15		15							3
Intelligent Decision Support Systems	V	Grade	30	15		15							3
Fundamentals of Artificial Neural Networks	V	Grade	30	15		15							3
Business Applications of Generative Artificial Intelligence	VI	Grade	30	15		15							3
Digital Twin Technology	VI	Grade	30	15		15							3