

2026/2027 - 2028/2029 BUSINESS INFORMATICS FIRST CYCLE	Total Exam	Full-time studies					Part-time studies					E C T S
		Total hours	L	T	CL	S	Total hours	L	T	CL	S	
winter 2026/2027 - Semester 1	4	304	154	105	45	0	0	0	0	0	0	30
summer 2026/2027 - Semester 2	4	360	165	120	75	0	0	0	0	0	0	30
winter 2027/2028 - Semester 3	3	375	180	75	120	0	0	0	0	0	0	30
summer 2027/2028 - Semester 4	2	424	195	105	124	0	0	0	0	0	0	30
winter 2028/2029 - Semester 5	0	315	105	60	105	45	0	0	0	0	0	30
summer 2028/2029 - Semester 6	0	210	90	15	60	45	0	0	0	0	0	30

Course	Sem.	Credit form	Full-time studies					Part-time studies					E C T S
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
<b>SECTION I. GENERAL COURSES - OBLIGATORY</b>													
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
Digital Technologies	I	Grade	30			30							3
Introduction to Research Methods	IV	Grade	15	15									2
<b>TOTAL SECTION I</b>			<b>315</b>	<b>165</b>	<b>120</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>
<b>SECTION II. OBLIGATORY COURSES</b>													
Introduction to Computer Science	I	Grade	30	15		15							3
Fundamentals of Information Systems	II	Exam	90	45	15	30							8
Statistics	III	Exam	60	30	15	15							5
System Analysis and Design	III	Exam	90	45		45							7
Databases	III	Exam	60	30		30							5
IT Project Management	IV	Exam	75	30	15	30							6
<b>TOTAL SECTION II</b>			<b>405</b>	<b>195</b>	<b>45</b>	<b>165</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>

Course	Sem.	Credit form	Full-time studies					Part-time studies					E C T S
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
<b>SECTION III. OPTIONAL COURSES</b>													
Digitalization of Business Models	I	Exam	60	30	30								6
Programming in MS.NET Technology	II	Exam	90	45		45							7
Object Oriented Programming in Python	III	Grade	60	30		30							6
ICT Based Knowledge Management	VI	Grade	45	30	15								3
Fundamentals of Artificial Intelligence	IV	Exam	30	15		15							4
Business Process Modeling	IV	Grade	60	30		30							4
Business Intelligence	V	Grade	30	15		15							4
Information Systems Security	V	Grade	30	15		15							3
Econometrics	V	Grade	30	15		15							2
Project Practice	IV	Grade	30	15		15							2
Matlab Application	IV	Grade	30	15		15							2
Computer Architecture and Operating Systems	IV	Grade	45	30		15							3
Lecture Developing Social and Professional Skills	II	Grade	30	30									2
<b>TOTAL SECTION III</b>			<b>570</b>	<b>315</b>	<b>45</b>	<b>210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48</b>

Course	Sem.	Credit form	Full-time studies					Part-time studies					E C T S
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
<b>SECTION IV. MODULE COURSES</b>													
Module 1	V	Grade	120	60		60							13
Module 2	VI	Grade	120	60		60							8
<b>TOTAL SECTION IV</b>			<b>240</b>	<b>120</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>
<b>SECTION V. HUMANISTIC COURSES</b>													
Humanistic Course I	III	Grade	45	45									3
Humanistic Course II	IV	Grade	45	45									3
<b>TOTAL SECTION V</b>			<b>90</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>SECTION VI. ACADEMIC COURSES - OBLIGATORY</b>													
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	45				45						6
Bachelor Seminar	VI	Credited	45				45						12
Bachelor Thesis	VI	Credited											0
Work Placement (160 h)	VI	Credited											7
<b>TOTAL SECTION VI</b>			<b>368</b>	<b>4</b>	<b>270</b>	<b>4</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>TOTAL HOURS</b>			<b>1988</b>	<b>889</b>	<b>480</b>	<b>529</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>180</b>

Course	Sem.	Credit form	Full-time studies					Part-time studies					E C T S
			Total hours	L	T	CL	S	Total hours	L	T	CL	S	
<b>LIST OF MODULES</b>													
<b>SOFTWARE DEVELOPMENT AND USER EXPERIENCE</b>													
Database Design	V	Grade	30	15		15							3
Web Application Engineering	V	Grade	30	15		15							3
Programming of Mobile Applications	V	Grade	30	15		15							4
UX Design for Business Systems	V	Grade	30	15		15							3
<b>BUSINESS ANALYTICS</b>													
Information Visualization and User Experience in Business Systems	V	Grade	30	15		15							3
No-Code Approach to Machine Learning	V	Grade	30	15		15							4
Intelligent Decision Support Systems	V	Grade	30	15		15							3
AI-Driven Business Solutions	V	Grade	30	15		15							3
<b>AI IN BUSINESS</b>													
Artificial Intelligence for Improving Management	VI	Grade	30	15		15							2
Intelligent Agent-based Systems	VI	Grade	30	15		15							2
Fundamentals of Artificial Neural Networks	VI	Grade	30	15		15							2
Natural Language Processing	VI	Grade	30	15		15							2
<b>AI AND DIGITAL TRANSFORMATION</b>													
Business Applications of Generative Artificial Intelligence	VI	Grade	30	15		15							2
Digital Twin Technology	VI	Grade	30	15		15							2
Intelligent Agent-based Systems	VI	Grade	30	15		15							2
Language Technologies in Business Contexts	VI	Grade	30	15		15							2