

Curriculum (8 semester, four year study)

1. year, I. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Economics	2	1		5
2.	Mathematics I	2	1	2	7
3.	Information and Communication Technology	2	1	2	6
4.	Operating Systems	2	1	2	6
5.	Sociology	2	1		4
	Total in semester	10	5	6	28

1. year, II. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Foreign Language I	1	-	1	4
2.	Mathematics II	2	1	2	7
3.	Fundamentals of Information Systems	2	1	2	6
4.	Principles of Programming	2	2	2	8
5.	Computer Architecture	2	1	2	6
	Total in semester	9	5	9	31

2. year, III. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Statistics	2	1	2	6
2.	Foreign Language II	1	-	1	4
3.	Principles of Programming II	2	1	2	8
4.	Networking Technology	2	2	2	6
5.	Basics of database	2	2	2	7
	Total in semester	9	6	7	31

2. year, IV. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Probability Theory	2	1	2	6
2.	Data Structures and Algorithms	2	2	2	6
3.	Database Management	2	2	2	7
4.	Programming Languages	2	2	2	7
5.	Finance Management and Accounting	2	2	2	5
	Total in semester	10	9	10	31

3. year, V. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Project Management	2	1	2	6
2.	Security and Privacy of Data	2	1	2	7
3.	Data Warehouse and Business Intelligence	2	2	2	6
4.	Internet Technologies	2	1	2	6
5.	Foreign Language III	2	-	2	4
Total in semester		10	5	10	29

3. year, VI. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Legal Basis on Information Systems	2	-	2	5
2.	Electronic Commerce	2	1	2	6
3.	Developing Environments	2	1	2	7
4.	Business Process Modeling	2	1	2	6
5.	Elective course 1				6
Total in semester		8	3	8	30

4. year, VII. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Information System Design	2	1	2	6
2.	Intelligent Systems	2	1	2	6
3.	Computer Graphics	2	1	2	5
4.	Elective course 2	2	-	2	6
5.	Elective course 3	2	-	2	6
Total in semester		10	3	10	29

4. year, VIII. semester

No.	Courses	Hours per week			ECTS
		P	S	V	
1.	Software Designing	2	1	2	7
2.	Static Methods for IT	2	1	2	6
3.	Elective course 4	2	-	2	6
4.	Elective course 5	2	-	2	6
	Final Thesis				6
Total in semester		8	2	8	31

*Elective courses for fourth year:

40.	Designing Users Interface
41.	Cyber Criminal and Forensic
42.	E-education
43.	Didactic Pedagogy

44.	Data Mining
45.	Data Analysis
46.	Physical Project in Selected Environment
47.	Testing and Software Quality
48.	Computer Systems Protection