

PROGRAMME OF STUDY

PROFESSIONAL STUDY OF INFORMATICS

• LIST OF COURSES

NEW PROGRAMME - 1st YEAR OF STUDY

1st year of study - Semester I (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
1	Poslovna komunikacija i suradnja	4
2	Proceduralno i modularno programiranje	6
3	Poslovni procesi u organizacijama	4
4	Engleski jezik za informatičare	4
5	Uvod u informacijske i komunikacijske tehnologije	6
6	Matematika za informatičare	6
	In total per semester	30

1st year of study - Semester II (Summer Semester)

Course unit no.	Title of the course unit	ECTS credits
7	Objektno orijentirano programiranje*	6
8	Specifikacija korisničkih zahtjeva i modeliranje procesa*	5
9	Računalna grafika*	5
10	Modeliranje podataka*	5
11	Operacijski sustavi*	5
12	Razvoj poslovne ideje*	4
	In total per semester	30

2nd year of study – Semester III (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
14	Basics of Management	4
15	Operating Systems	6
16	Data and Process Modeling	6
17	Programming*	6
18	Information Systems Security	5
25	English Language II	3
	In total per semester	30

**Held only in Croatian*

2nd year of study – Semester IV (Summer Semester)

Course unit no.	Title of the course unit	ECTS credits
19	Information Systems Development	6
20	Database Systems	5
21	Object-oriented Technologies I	6
22	Computer Networks	5
23	English Language III	3
	<i>Elective Courses</i>	5
33	<i>Operations Research</i>	
35	<i>Multimedia Systems</i>	
36	<i>Quality and Safety Management in Telematics</i>	
	In total per semester	30

3rd year of study – Semester V (Winter Semester)

Course unit no.	Title of the course unit	ECTS credits
26	Economics of Information Systems	4
27	Object-oriented Technologies II	6
28	Development of Web Applications	5
29	Programming – practicum	5
	<i>Elective Course</i>	5
30	<i>Accounting Information System*</i>	
31	<i>Information Systems of Production</i>	
32	<i>Information System for Management and Decision-making support</i>	
	In total per semester	30

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3rd year of study – Semester VI

Course unit no.	Title of the course unit	ECTS credits
33	Semester Internship	13
34	Bachelor Thesis	17
	In total per semester	30