

**POSTGRADUATE STUDY PROGRAM
INTELLIGENT WEB TECHNOLOGIES
FACULTY OF COMPUTER SCIENCE, UGD – STIP
1 YEAR STUDY PROGRAM (60 ECTS)**

2012-2013

I SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI200112	Information Retrieval	6	2+2+1	156
2FI200212	Computer Network and Web Security	6	2+2+1	156
2FI200312	Advanced Distributed Computer Systems	6	2+2+1	156
	Elective course from the Faculty 1	4	2+1+1	120
	Elective course from the Faculty 2	4	2+1+1	120
	Elective course from the University 1	4	2+1+1	120
Total:		30	12+9+6	828

I SEMESTER				
Elective courses from the Faculty				
CODE	COURSE	ECTS	Classes	Semester workload
2FI200412	Development of Applications for Mobile and Embedded Devices	4	2+1+1	120
2FI200512	Digital Image Processing	4	2+1+1	120
2FI200612	Advanced Interaction Technologies	4	2+1+1	120
2FI200812	Digital Libraries and Repositories	4	2+1+1	120
2FI200712	Advanced Concepts in Digital Communications	4	2+1+1	120
2FI206212	Statistical data analysis	4	2+1+1	120

II SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI201012	Data Mining and Data Warehousing	6	2+2+1	156
	<i>MSc Dissertation</i>	24	0+0+8	120
Total:		30	2+2+9	276