

**POSTGRADUATE STUDY PROGRAM
COMMUNICATION TECHNOLOGIES AND SIGNAL PROCESSING
FACULTY OF COMPUTER SCIENCE, UGD – STIP
1 YEAR STUDY PROGRAM (60 ECTS)**

2012-2013

I SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI201712	Advanced Concepts in Digital Communications	6	2+2+1	156
2FI200512	Digital Image Processing	6	2+2+1	156
2FI201812	Multimedia Technologies	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
2FI201912	Digital Filters	4	2+1+1	120
2FI201612	Machine Learning	4	2+1+1	120
2FI201112	Advanced Topics in Robotics	4	2+1+1	120
2FI202012	Advances chapters of probability and statistics	4	2+1+1	120

II SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI202112	Advanced Communication Networks	6	2+2+1	156
	<i>MSc Dissertation</i>	24	0+0+8	120
Total:		30	2+2+1	276

