

**POSTGRADUATE STUDY PROGRAM
APPLIED MATHEMATICS
FACULTY OF COMPUTER SCIENCE
UGD – STIP, 1 YEAR STUDY PROGRAM (60 ECTS)**

2012-2013

I SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI202912	Engineering Analysis	6	2+2+1	156
2FI203012	Selected chapters of mathematical analysis	6	2+2+1	156
2FI203112	Applied Statistics	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
2FI203212	High performance computing	4	2+1+1	120
2FI203312	Signal Processing	4	2+1+1	120
2FI201012	Data Mining and Data Warehousing	4	2+1+1	120
2FI203412	Engineering Information Systems	4	2+1+1	120

II SEMESTER				
Mandatory courses				
CODE	COURSE	ECTS	Classes	Semester workload
2FI203512	Advanced Topics in Computer Graphics	6	2+2+1	156
	<i>MSc Dissertation</i>	24	0+0+8	120
Total:		30	2+2+9	276

