

MASTER OF SCIENCE IN SOFTWARE ENGINEERING

		COURSE TITLE	TYPOLGY	ECTS	
FIRST YEAR	SEMESTER 1	Advanced Java Programming	B	9	
		Numerical Method and MATLAB	A	9	
		Advanced Database Systems	C	6	
		Advanced Machine Learning	C	6	
	TOTAL SEMESTER 1				30
	SEMESTER 2	Adv. Data Structures & Analysis of Algorithms	B	6	
		Pattern Recognition	B	9	
		Mobile Programming	B	6	
		Data Mining	B	9	
	TOTAL SEMESTER 2				30
TOTAL FIRST YEAR				60	
SECOND YEAR	SEMESTER 1	Informatics System Security	B	6	
		Engineering Project Management	C	6	
		Software Testing and Verification	B	9	
		Elective (Table 1)	B	9	
	TOTAL SEMESTER 1				30
	SEMESTER 2	Diploma Thesis	E	18	
Practice		D	12		
TOTAL SEMESTER 2				30	
TOTAL SECOND YEAR				60	
TOTAL TWO YEARS				120	

TABLE 1: Elective Course

COURSE TITLE	ECTS
Natural Language Processing	9
Distributed Systems	9
Advanced Computer Networks	9
Web Programming	9
Adv. Software Engineering	9
Visual Programming Languages	9