

Master of Science in "Software Engineering"

Year	Semester	Code	Course name	Typology	ECTS
First Year	Semester I	INF401	Advanced Object Oriented Programming	B	6
		MTH401	Advanced Numerical Methods	A	6
		INF402	Advanced Database Systems	B	6
		AI401	Advanced Machine Learning	B	6
		BUS226	Intellectual Property Law for Engineering	C	6
		First Semester			30
	Semester II	INF403	Advanced Data Structure	B	6
		SWE401	Software Testing and Verification	B	6
		INF404	Mobile Programming	B	6
		SWE402	Advanced Software Engineering	B	6
			Elective Course I (Lëndë me zgjidhje I)	B	6
		Second Semester			30
Second Year	Semester I	COM502	Informatics System Security	B	6
		BUS561	Engineering Project Management	C	6
		COM402	Research methods	C	6
			Elective Course II	B	6
			Elective Course III	B	6
		First Semester			30
	Semester II	SWE590	Diploma Thesis	E	18
		SWE591	Practice	D	12
		Second Semester			30
Total Study Program					120

Code	Course Title	Tipology	ECTS
AI404	Natural Language Processing	B	6
COM403	Distributed Systems	B	6
COM401	Advanced Computer Networks	B	6
INF406	Advanced Web Programming	B	6
INF407	Information Retrieval	B	6
INF408	Visual Programming Languages	B	6