

	Third year (3A): IT Core Curriculum			
	Course Unit	Module	ECTS	Workload
	Object-oriented Programming and Modeling	Unified Modeling Language UML	4	42
		Object-oriented design and Java Programming	3	42
	English For Engineers	English For Engineers	3	42
	Operating System Administration	Operating system Administration and Security: Unix	5	42
	Numerical Methods for Engineers	Numerical Methods for Engineers	3	42
		Scientific computing	2	21
	IP network and Routing	IP essentials	1	21
		Switched Networks	2	21
		IPNet routing	2	21
		CCNA Certification	1	0
	Business Management	Financial Analysis	3	21
		Business Environment		21
	Software Engineering and Case Tools	Software Engineering and Case Tools	2	42
	Web and Mobile Development	Database Management System	5	42
		Programming for Mobile Terminals	3	21
		Web Technologies 2.0	3	21
	Integrated Development Project	Integrated Development Project	7	42
	Estimation Techniques for Engineers	Estimation Techniques for Engineers	3	42
	Language Theory	Language Theory	3	42
	Communication, Culture and Citizenship F3	Communication, Culture and Citizenship F3	3	42
	Worker Internship	Worker Internship	2	
		Total	60.00	630