

FIRST CYCLE

3 YEAR GRADUATE STUDIES

COURSE STRUCTURE AND CREDIT DIAGRAM

I Study Year

I Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	MATH1	Mathematics 1	30	60	90	7
2	STPROG	Structured Programming	30	60	90	7
3	INCO	Introduction to Computer Organization	30	30	60	6
4	COTLS	Computers Tools	30	30	60	6
5		Elective Course 1	30	30	60	4
Total			150	210	360	30
	ENG1 TSW	List of elective courses: 1. English 1 2. Techniques of Speaking and Writing				

II Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	ALGSTR	Algebraic Structures	30	60	90	7
2	COARH	Computer Architecture	30	30	60	6
3	INDATR	Introduction to Data Transfer	30	30	90	7
4	ITCH	Internet Technologies	30	30	60	6
5		Elective Course 1	30	30	60	4
Total			150	180	330	30
	ENG2 CS	List of elective courses: 1. English 2 2. Culture of Speech				

II Study Year

III Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	MATH2	Mathematics 2	30	60	90	6
2	OOPRG	Object-oriented Programing	30	30	90	6
3	OS	Operating Systems	30	30	60	6
4	COGRP	Computer Graphics	30	30	60	6
5		Elective Course 1	30	30	60	6
Total			150	180	360	30
	S&S A&A	List of elective courses: 1. Signals and Systems 2. Algorithms and Automats				

IV Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	CONET	Computer Networks	30	60	90	6
2	DB	Databases	30	30	60	6
3	DSALG	Data Structures and Algorithms	30	30	60	6
4	LAAG	Linear Algebra and Analitical Geometry	30	30	60	6
5		Elective Course 1	30	30	60	6
Total			150	180	330	30
	TCHVP SAC	List of elective courses: 1. Techniques of Visual Programing 2. Systems of Automated Computing				

III Study Year

V Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	INSE	Introduction to Software Engineering	30	30	60	5
2	WEBAS	Web Application Software	30	30	60	5
3	MOS	Network Operating Systems	30	30	60	5
4		Elective Course 1	30	30	60	5
5		Elective Course 2	30	30	60	5
Total			150	150	300	25
	PCNET GRPVS COMCPH	List of elective courses: 1. Computer Network Development 2. Graphics and Visualization 3. Computer Components and Peripherals				

VI Semester

	Course code	Course	Classes			ECTS
			CL	TU	Total	
1	SEIS	Security of Information Systems	30	30	60	5
2	NDADM	Administering Network Devices	30	30	60	5
3	OPRSC	Operating Research	30	30	60	5
4		Elective Course 1	30	30	60	5
5		Elective Course 2	30	30	60	5
Total			150	150	300	25
	SMOD MCOMC MM ALS PRST	List of elective courses: 1. System Modeling 2. Microcomputers and Microcontrollers 3. Multimedia 4. Administering Linux Systems 5. Probability and Statistics				