



FACULTY OF APPLIED SCIENCES AND CREATIVE INDUSTRIES

APPROVED

DEAN

Prof. Dr. Saimir Kristo

RECTOR

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CURRICULUM

Bachelor in : "APPLIED INFORMATICS"
(Full - time)

Tirana, 2025

Curriculum (Year I)																												
No.	Module	Course	Course Code	Course Typology	Total charge per hour							Weekly Charge per Hour								Individual hours								
					ECTSs	Total (hours)	Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final Assesment	Semester 1				Semester 2											
													Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final assesment	Exams		Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final assesment	Exams	
1	Introduction to informatics and new technologies	Introduction to computer sciences Internet technologies	63BA-0610-S/A-HSK 63BA-0610-S/A-TI	B B	6 6	45 45	30 30	14 14		1 1				2 1	1					2 1								105 105
2	Programming 1	Introduction to Java	63BA-0610-S/A-HJ	A	6	45	30	14		1				2 1					X									105
4	Methods of research and academic writing	Methods of research and academic writing	63BA-0610-S/A-MIA	A	6	45	30	14		1																		105
	Programming	Object Oriented Programming	63BA-0610-S/A-POO	B	6	45	30	14		1																		105
6	Advanced programming	Geometric and algebraic algorithms	63BA-0610-S/A-AGA	B	6	45	30	14		1																		105
7	Information technology	Information technology	63BA-0610-S/A-TIIA	D	6	45	30	14		1																		105
9	English	English	63BA-0610-S/A-ANG	D	6	45	30	14		1				2 1	1					X								105
	P-Programming	Basics of Programming	63BA-0610-S/A-BP	B	6	45	30	14		1				2 1	1					X								105
	Mathematics for computer programmers	Mathematics	63BA-0610-S/A-MIA	A	6	45	30	14		1				2 1	1					X								105
Total					60	450	300	139		10				10	5													1050
										weekly hours				15				15										



Curriculum (Year II)																								
No.	Module	Course	Course Code	Course Typology	Total charge per hour							Weekly Charge per Hour								Individual hours				
					ECTSs	Total (hours)	Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final Assesment	Semester 1				Semester 2							
8	Programming 3	Python Programming	63BA-0610-S/A-PP	A	6	45	30	14		1			2	1						105				
9	Project management	Project management	63BA-0610-S/A-PM	A	6	45	30	14		1			2	1				X		105				
10	Computer Architecture	Computer Architecture	63BA-0610-S/A-AKI	B	6	45	30	14		1			2	1				X		105				
	Databases	Databases	63BA-0610-S/A-BD	B	6	45	30	14		1			2	1				X		105				
12	Data Structures	Information Systems	63BA-0610-S/A-SINF	B	6	45	30	14		1										105				
		Algorithms and data structures	63BA-0610-S/A-ASD	B	6	45	30	14		1										X	105			
13	Statistics	Statistics	63BA-0610-S/A-ST	B	6	45	30	14		1										105				
14	Web programming	Web programming	63BA-0610-S/A-UP	B	6	45	30	14		1										105				
15	Elective	Subject 1	63BA-0610-S/A-MZ1	C	6	45	30	14		1				2	1				X	105				
		Subject 2	63BA-0610-S/A-MZ2	C	6	45	30	14		1										X	105			
Total					60	450	300	140		10			10	5						1050				
										Weekly hours					15					15				



Curriculum (Year III)																											
No.	Module	Course	Course Code	Course Typology	Total charge per hour							Weekly Charge per Hour										Individual hours					
					ECTSs	Total (hours)	Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final Assessment	Semester 1					Semester 2									
													Lecture	Seminars / Exercise	Laboratory / Exercise	Projects/coursework	Practice	Final assesment	Exams	Lecture	Seminars / Exercise		Laboratory / Exercise	Projects/coursework	Practice	Final assesment	Exams
16	Operating systems	Operating systems	63BA-0610-S/A-SOI	B	6	45	30	14		1			2	1					X								105
17	Computer networks	Computer networks	63BA-0610-S/A-RKI	B	6	45	30	14		1			2	1					X								105
18	Software Processes Management	Software Engineering	63BA-0610-S/A-IS	B	6	45	30	14		1			2	1					X								105
		Lab Course	63BA-0610-S/A-KL	B	3				54						4				X								75
19	Advanced Programming	Mobile programming	63BA-0610-S/A-PM	B	6	45	30	14		1										2	1					X	105
		Data Security	63BA-0610-S/A-SD	B	6	45	30	14		1										2	1					X	105
20	Elective	Subject 3	63BA-0610-S/A-MZ3	C	6	45	30	14		1									X								105
		Subject 4	63BA-0610-S/A-MZ4	C	6	45	30	14		1										2	1					X	105
21	Practice	Practice	63BA-0610-S/A-PIA	D	9	203					203					9											22
22	Final exam / Diploma thesis	Final exam / Diploma thesis	63BA-0610-S/A-DPI	E	6	24						24													2		126
		Total		60	542	210	98	54	7	203	24	8	4	4	9					6	3		5		2		958
					Weekly hours							25					15										

