



**UNIVERSITETI
BARLETI**

FACULTY OF APPLIED SCIENCES AND CREATIVE INDUSTRIES

APPROVED

DEAN

Prof. Asoc. Dr. Semiha Loca

RECTOR

Prof. Dr. Suzana Guxholli

CURRICULUM

**Bachelor Program: "Applied Informatics"
(Full time)**

Tiranë, 2023

Curriculum (Viti I)			
Nr.	Module	Subject	Code of Subject
1	Introduction to informatics and new technologies	Introduction to computer sciences	HSK 701
		Internet technologies	TKI 701
2	Sociology	Sociology	SOC 011
	Methods of research and academic writing	Methods of research and academic writing	MSH 012
4	Programming	Object Oriented Programming	POO 702
	Advanced programming	Geometric and algebric algorithms	CS 232
6	Information technology	Information technology	INF 015
7	English	English	ANG 014
	Programming	Basics of Programming	PRO 702
9	Mathematics for computer programmers	Mathematics	MAT 701

Curriculum (Viti II)			
Nr.	Module	Subject	Code of Subject
8	Public Law	Public Law	DPB 013
9	Principles of Economy	Principles of Economy	MEK 016
10	Computer Architecture	Computer Architecture	ARK 704
	Databases	Databases	BDH 703
12	Data Structures	Information Systems	STD 713
		Algorithms and data structures	ASD 713
13	Statistics	Statistics	STA 243
14	Web programming	Web programming	UPR 705
15	Elective	Subject 1	
		Subject 2	

Curriculum (Viti III)			
Nr.	Module	Subject	Code of Subject
16	Operating systems	Operating systems	SIO 706
17	Computer networks	Computer networks	RRJ 707
18	Software Processes Management	Software Engineering	INS 708
		Lab Course	LAB 708
19	Advanced Programming	Mobile programming	GRF 710
	Data security	Data Security	SDH 713
15	Elective	Subject 3	
		Subject 4	
21	Practice	Practice	PRK 771
22	Final exam / Diploma thesis	Final exam / Diploma thesis	DPL 796