



**THE CURRICULUM OF STUDY PROGRAM: BACHELOR IN “MATHEMATICS – INFORMATICS”,
ACADEMIC YEAR 2016-2017**

First year

Nr.	The discipline or the activity title	Activity type	Credits	Classroom hours	Lectures	Seminars	Laboratories	Total	The semester	The professor
1.	Mathematical Analysis 1	A	14		60	90		150	I,II	Prof. dr. Lorenc Ekonomi
2.	Analytical geometry	B	6		30	30		60	II	Dr. Argjir Butka
3.	Advanced Algebra	A	10		46	60		106	I,II	Msc. Eljona Milo
4.	Elementary Mathematics	B	6		38	38		76	I,II	Dr. Arto Adili
5.	Introduction to informatics	E	8		30	60		90	I,II	Msc. Dhoris Beta
6.	Physics	A	12		60	60		120	I,II	Msc. Lorena Kelo Msc. Esmeralda Guliqani
7.	Foreign Language	E	4		30	30		60	I,II	Msc. Ermenita Cuka
	Total 1st year		60		294	368		662		

Second year

Nr.	The discipline or the activity title	Activity type	Credits	Classroom hours	Lectures	Seminars	Laboratories	Total	The semester	The professor
1.	Mathematical Analysis II	B	13		60	75		135	I,II	Msc. Danjela Braho
2.	Advanced Algebra II	B	10		60	46		106	I,II	Msc. Eljona Milo
3.	Theory of Numbers and Advanced Algebra	B	9		60	45		105	I,II	Dr. Arto Adili
4.	Electronics fundamentals	B	5		30	23		53	I	Msc. Marsel Kotori
5.	Advanced programming	B	9		30	75		105	I,II	Msc. Dhori Beta Msc. Emis Simo Msc. Marjon Pano
6.	Operating systems and Computer networking	B	10		60	60		120	I,II	Msc. Marjon Pano Msc. Erma Pema
7.	Elective subjects Module 1: Formal Logic, Foreign Language II Module 2: MATLAB, Foreign Language II	D	4		30	30		60	I,II	Msc. Viola Dolani Prof. as. dr. Pavllo Cicko Dr. Argjir Butka Prof. as. dr. Pavllo Cicko
	Total 2nd year		60		330	354		684		

Note: From all the elective subjects the students should choose 1 (one) for each module.

Third Year

Nr.	The discipline or the activity title	Activity type	Credits	Classroom hours	Lectures	Seminars	Laboratories	Total	The semester	The professor
1.	Applied Mathematics	B	6		30	30		60	I	Prof. dr. Lorenc Ekonomi
2.	Web design and Computer architecture	B	11		60	60		120	I,II	Dr. Rafail Prodani Msc. Erma Pema
3.	Databases and their administration	B	9		45	60		105	I,II	Msc. Dhori Beta Msc. Blerina Celiku
4.	Social studies	C	8		60	16		76	I	Msc. Mitjana Profiri Msc. Jorida Agolli
5.	Probability and Mathematical statistics	B	9		46	53		99	I,II	Prof. dr. Lorenc Ekonomi Dr. Argjir Butka
6.	Differential equations	B	6		30	30		60	II	Msc Edlira Donefski
7.	Elective subjects: Module 1: Topology, Cryptography Module 2: SPSS, Functional Analysis	D	4		30	30		60	I,II	Moduli 1: Prof. dr. Lorenc Ekonomi Msc. Blerina Çeliku Moduli 2: Msc Lorena Margo Prof. dr. Lorenc Ekonomi
8.	Module 2: SPSS, Functional Analysis	F	7					90	II	
	Total 3rd year		60		301	279		670		
	Total in three years		180		925	1001		2016		

* Note: From all the elective subjects the students should choose 1 (one) for each module.

HEAD OF DEPARTMENT
Prof. dr. Lorenc Ekonomi

DEAN
Prof. dr. Gjergji Pendavinji