



**THE CURRICULUM OF STUDY PROGRAM: PROFESSIONAL MASTER IN “MATHEMATICS-PHYSIC WITH MINOR PROFILE  
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.	Cultural Foundations of Education	A	3	38	0	0	0	38	I	Dr. Magdalini Vampa
2.	Learning development	B	4	50	0	0	0	50	I	Prof. as. dr. Aleksandra Piluri
3.	Critical thinking	B	3	38	0	0	0	38	I	Msc. Evionda Pylli
4.	Teaching Methodology	A	4	50	0	0	0	50	I	Dr. Donika Dardha
5.	Language and Culture	A	4	50	0	0	0	50	I	Dr. Arsinela Xhara
6.	Research Methods in Education.	C	4	50	0	0	0	50	I	Prof. dr. Gjergji Pendavinji
7.	Research seminar (for micro thesis preparation)	C	3	38	0	0	0	38	I	Dr. Magdalini Vampa
8.	Java Programming	B	5	53	0	0	0	53	I	Msc. Blerina Çeliku
9.	Teaching Methods in Mathematics.	B	4	45	0	0	0	45	II	Msc. Eliona Milo
10.	ICT in Teaching	B	3	38	0	0	0	38	II	Dr. Rafail Prodani
11.	English Language for specific purposes	E	3	38	0	0	0	38	II	Dr. Erjola Qafëzezi
12.	Advanced Programming	B	5	60	0	0	0	60	II	Msc. Emis Simo
13.	Internet technologies	B	5	60	0	0	0	60	II	Dr. Rafail Prodani Msc. Emis Simo
14.	System administration	B	5	60	0	0	0	60	II	Dr. Ervin Ramollari
15.	Introduction to artificial intelligence	B	5	53	0	0	0	53	II	Msc. Blerina Çeliku
	<b>Total 1<sup>st</sup> year</b>		<b>60</b>	<b>721</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>721</b>		

Second Year

Nr.	The discipline or the activity title	Activity type	Credits	Classroom hours	Lectures	Seminars	Laboratories	Total	The semester	The professor
1.	Teaching Methods in Physics	B	6	60	0	0	0	60	III	Msc. Sotiraq Marko
2.	Basic concepts of physics *	D	2	30	0	0	0	30	III	Prof. as. dr. Thoma Lice
3.	History of the development of Mathematical Thought *	D	2	30	0	0	0	30	III	Prof. dr. Lorenc Ekonomi
4.	Teaching Practice	E	12	0	200	0	0	200	III	
5.	Diploma Thesis	F	10	0	125	0	0	125	III	
	<b>Total 2<sup>nd</sup> year</b>		<b>30</b>	<b>90</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>415</b>		
	<b>Total in two years</b>		<b>90</b>	<b>811</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>1136</b>		

\* Note: From 2 (two) elective subjects the students should choose 1 (one) of them.

**HEAD OF DEPARTMENT**  
Prof. dr. Lorenc Ekonomi

**DEAN**  
Prof. Dr. Gjergji Pendavinji