

Approved by
 RECTOR:
 (Prof. Dr. Zapryan KOZLUDZHOV)
 Academic Council Minutes No 18/24.04.2017

CURRICULUM

Area of higher education: **PEDAGOGICAL SCIENCES (1)**
 Professional stream: **PEDAGOGY OF TEACHING (1.3)**
 Degree programme: **TEACHING MATHEMATICS IN THE SCHOOLS**
 Educational and qualification degree: **MASTER**
 Professional qualification: **TEACHER OF MATHEMATICS**
 Mode of study: **FULL-TIME**
 Official length of programme: **1 YEAR**
 Dean of FMI: (Prof. Dr. Anton Iliev)
 Faculty Council Minutes No 17/19.04.2017

<i>Course</i>	<i>CHL</i>	<i>LwS</i>	<i>Sw</i>	<i>LBL</i>	<i>Bw</i>	<i>SS</i>	<i>T</i>	<i>C</i>	<i>TAAYTRTn</i>
FIRST ACADEMIC YEAR	37025025	17017	10	1			1430180060		
<i>Autumn trimester</i>	<i>17012012</i>	<i>80</i>	<i>8</i>	<i>0</i>	<i>0</i>		<i>430 600 20</i>		
Selected Topics in School Algebra and Mathematical Analysis	60	40	4	20	2	0	0	120	180 6 Ex 1 A 1
Modern Trends in Mathematics Education	60	40	4	20	2	0	0	120	180 6 Ex 1 A 1
Methodology and Methods of Pedagogical Research	20	10	1	10	1	0	0	100	120 4 CA1 A 1
Mandatory Elective or Practical No2 of Group A	30	30	3	0	0	0	0	90	120 4 CA1 A 1
		0	0	30	3	0	0		
<i>Winter trimester</i>	<i>15010010</i>	<i>70</i>	<i>7</i>	<i>10</i>	<i>1</i>		<i>420 570 19</i>		
Methodology and Methods of Solving Mathematical Problems	40	20	2	20	2	0	0	110	150 5 Ex 1 W 2
Selected Topics in School Geometry	60	40	4	20	2	0	0	120	180 6 Ex 1 W 2
Application of Modern Information Technologies in Teaching Mathematics	20	10	1	0	0	10	1	100	120 4 CA1 W 2
Mandatory Elective or Practical of Group B	30	30	3	0	0	0	0	90	120 4 CA1 W 2
		0	0	30	3	0	0		
<i>Spring trimester</i>	<i>50 30 3</i>	<i>20 2</i>	<i>0 0</i>				<i>580 630 21</i>		
Modelling in Teaching Mathematics	20	10	1	10	1	0	0	40	60 2 CA1 S 3
Elements of School Combinatorics, Probability Theory and Mathematical Statistics	30	20	2	10	1	0	0	90	120 4 Ex 1 S 3
Preparation for and Taking the State Examination or Development and Defence of a Thesis Paper	0	0	0	0	0	0	0	450	450 15Ex 1 S 3
TOTAL	37025025	17017	10	1			1430180060		

KEY:

CH – contact hours; L – lectures; Lw – lectures per week; Se – seminars; Sw – seminars per week; LB - labs; LBw - labs per week; SS – self-study; T – total; C – ECTS credits; TA – type of assessment; AY – academic year; Tr – trimester; Tn – trimester number; Ex – exam; CA – continuous assessment; A – Autumn, W – Winter, S – Spring