

Faculty of Mathematics and Informatics - Teaching Informatics and Information Technology in the Schools

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 INFORMATICS AND INFORMATION TECHNOLOGY IN THE SCHOOLS**
 Educational and qualification degree: **MASTER**
 Professional qualification: **TEACHER OF INFORMATICS AND INFORMATION TECHNOLOGY**
 Mode of study: **FULL-TIME**
 Official length of programme: **2 YEARS**

Dean of FMI:

(Prof. Dr. Anton Iliev)

Faculty Council Minutes No 17/19.04.2017

CURRICULUM DETAILS:

Course	CH	L	LwS	Sw	LB	LBw	SS	T	C	TA	AY	TR	Tn
FIRST ACADEMIC YEAR	660	280	28	330	33	110	11	1500	2160	72			
<i>Autumn trimester</i>	205	115	12	60	6	60	6	545	750	25			
Information Technology	35	10	1	0	0	25	2.5	85	120	4	Ex	1	A 1
Psychology	60	30	3	30	3	0	0	120	180	6	Ex	1	A 1
Inclusive Education	15	15	1.5	0	0	0	0	45	60	2	Ex	1	A 1
Mandatory Elective or Practical No1 of Group B	30	30	3	0	0	0	0	90	120	4	CA	1	A 1
Information and Communication Technologies in Teaching and Working in a Digital Environment	30	15	1.5	0	0	15	1.5	90	120	4	Ex	1	A 1
Databases	35	15	1.5	0	0	20	2	115	150	5	Ex	1	A 1
<i>Winter trimester</i>	240	135	14	120	12	15	1.5	480	720	24			
Pedagogy	60	30	3	30	3	0	0	120	180	6	Ex	1	W 2
School Informatics	30	15	1.5	0	0	15	1.5	90	120	4	Ex	1	W 2
Methods of Teaching Informatics and Information Technology	90	60	6	30	3	0	0	120	210	7	Ex	1	W 2
Mandatory Elective or Practical No1 of Group A	30	30	3	0	0	0	0	90	120	4	CA	1	W 1
Lesson Observation	30	0	0	30	3	0	0	60	90	3	CA	1	W 1
<i>Spring trimester</i>	215	30	3	150	15	35	3.5	475	690	23			
School Course in Information Technology	30	15	1.5	0	0	15	1.5	90	120	4	Ex	1	S 3
Practice Teaching	60	0	0	60	6	0	0	120	180	6	CA	1	S 3
Pre-Service Teaching	90	0	0	90	9	0	0	150	240	8	CA	1	S 3
Integrated practicum	20	0	0	0	0	20	2	70	90	3	CA	1	S 3

Optional Course	15	15	1.5	0	0	0	0	45	60	2	CA2	S	3
SECOND ACADEMIC YEAR	345	180	18	60	6	165	16.5	1485	1830	61			
Autumn trimester	140	80	8	30	3	60	6	430	570	19			
Design and application of algorithms	40	15	1.5	0	0	25	2.5	110	150	5	Ex 2	A	4
Didactic technology	30	15	1.5	0	0	15	1.5	120	150	5	Ex 2	A	4
Block programming	40	20	2	0	0	20	2	110	150	5	Ex 2	A	4
Mandatory Elective or Practical No2 of Group A	30	30	3	0	0	0	0	90	120	4	CA2	A	4
Winter trimester	135	70	7	30	3	65	6.5	405	540	18			
GUI Applications	40	15	1.5	0	0	25	2.5	110	150	5	Ex 2	W	5
Systems and Communications in Education	35	10	1	0	0	25	2.5	115	150	5	Ex 2	W	5
Active Learning Methods and Means in Informatics and Information Technology	30	15	1.5	0	0	15	1.5	90	120	4	CA2	W	5
Mandatory Elective or Practical No2 of Group B	30	30	3	0	0	0	0	90	120	4	CA2	W	5
Spring trimester	70	30	3	0	0	40	4	650	720	24			
Web Technologies	40	15	1.5	0	0	25	2.5	110	150	5	Ex 2	S	6
Information Technology in Education	30	15	1.5	0	0	15	1.5	90	120	4	Ex 2	S	6
Preparation for and Taking the Practical Applied State Examination and Development and Defence of a Thesis Paper	0	0	0	0	0	0	0	450	450	15	Ex 2	S	6
TOTAL	1005	460	46	390	39	275	27.5	2985	3990	133			

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