

Faculty of Mathematics and Informatics - Teaching Information Technology in the Secondary 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 INFORMATION TECHNOLOGY IN THE SECONDARY SCHOOLS**
 Educational and qualification degree: **MASTER**
 Professional qualification: **TEACHER OF INFORMATION TECHNOLOGY IN THE SECONDARY SCHOOLS**
 Mode of study: **PART-TIME**
 Official length of programme: **1 YEAR**

Dean of FMI:
 (Prof. Dr. Anton Iliev)
 Faculty Council Minutes No 17/19.04.2017

CURRICULUM DETAILS:

Course	CH	L	S	Lw	Sw	LB	LBw	SS	T	C	TA	AY	TR	Tn
ACADEMIC YEAR	375	220	22	75	7.5	140	14	1665	2040	68				
Autumn trimester	130	80	8	30	3	50	5	440	570	19				
Computer Systems, Networks and Communications	20	10	1	0	0	10	1	100	120	4	Ex	1	A	1
Teaching Information Technology in the Secondary Schools	30	20	2	0	0	10	1	90	120	4	Ex	1	A	1
Information and Communication Technologies in Teaching and Working in a Digital Environment	20	10	1	0	0	10	1	70	90	3	CA	1	A	1
Computer Graphics in the Secondary Schools	30	10	1	0	0	20	2	90	120	4	Ex	1	A	1
Mandatory Elective	30	30	3	0	0	0	0	90	120	4	Ex	1	A	1
or Practical No2 of Group A		0	0	30	3	0	0							
Winter trimester	150	80	8	30	3	70	7	540	690	23				
Wordprocessing	30	10	1	0	0	20	2	90	120	4	Ex	1	W	2
Spreadsheets	20	10	1	0	0	10	1	100	120	4	Ex	1	W	2
Computer Presentations	20	10	1	0	0	10	1	70	90	3	CA	1	W	2
Computer Modelling	20	10	1	0	0	10	1	100	120	4	CA	1	W	2
Modern Information Technologies in Education	30	10	1	0	0	20	2	90	120	4	Ex	1	W	2
Mandatory Elective	30	30	3	0	0	0	0	90	120	4	Ex	1	W	2
or Practical of Group B		0	0	30	3	0	0							
Spring trimester	95	60	6	15	1.5	20	2	685	780	26				

Project-Based Learning	20	10	1	0	0	10	1	70	90	3	CA	1	S	3
School Course in Information Technology in the Secondary Schools	30	20	2	0	0	10	1	90	120	4	Ex	1	S	3
Methods of Teaching Information Technology in the Secondary Schools	45	30	3	15	1.5	0	0	75	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	15	Ex	1	S	3
TOTAL	375	220	22	75	7.5	140	14	1665	2040	68				

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