Faculty of Mathematics and Informatics - Software Technology with Specialization in Graphical Environments and User Interfaces

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

CURRICULUM

Area of higher education	**NATURAL SCIENCES, MATHEMATICS AND INFORMATICS (4)**
Professional stream:	**INFORMATICS AND COMPUTER SCIENCE (4.6)**
Degree programme:	**Software Technology with Specialization in Graphical Environments and User Interfaces - 1 year**
Educational and qualification degree:	**MASTER**
Professional qualification:	**INFORMATICIAN**
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

CURRICULUM DETAILS:

Course	CHL	Lw	SS	wLB	LB	wSS	T	C	TA	AY	TR	Tn
ACADEMIC YEAR												
Autumn trimester	*150*	*60*	*6*	*00*	*90*	*9*	*450*	*600*	*20*			
Web Programming Languages and Environments	40	20	2	00	20	2	110	150	5	Ex	1	A 1
Integrating Databases into a Web Environment	40	20	2	00	20	2	110	150	5	Ex	1	A 1
Programming with Patterns and Frameworks	40	20	2	00	20	2	110	150	5	Ex	1	A 1
Practicals	30	0	0	00	30	3	120	150	5	CA	1	A 1
Winter trimester	*90*	*70*	*7*	*00*	*20*	*2*	*330*	*420*	*14*			
Single-Page Applications	20	20	2	00	0	0	70	90	3	Ex	1	W 2
Hybrid Applications	20	20	2	00	0	0	70	90	3	Ex	1	W 2
Elective No 1	30	30	3	00	0	0	90	120	4	CA	1	W 2
Practicals in Real-Life Projects No 1	20	0	0	00	20	2	100	120	4	CA	1	W 2
Spring trimester	*70*	*50*	*5*	*00*	*20*	*2*	*710*	*780*	*26*			
2D and 3D Game Development	20	20	2	00	0	0	70	90	3	Ex	1	S 3
Elective No 2	30	30	3	00	0	0	90	120	4	CA	1	S 3
Practicals in Real-Life Projects No 2	20	0	0	00	20	2	100	120	4	CA	1	S 3
Development and Defence of a Thesis Paper or Preparation for and Taking the State Examination	0	0	0	00	0	0	450	450	15	Ex	1	S 3
TOTAL	**310**	**180**	**18**	**00**	**130**	**13**	**1490**	**1800**	**60**			

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