

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 ARTIFICIAL INTELLIGENCE SYSTEMS - 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	TAAY	TR	Tn
<b>ACADEMIC YEAR</b>											
<i>Autumn trimester</i>	<i>150</i>	<i>60</i>	<i>6</i>	<i>00</i>	<i>90</i>	<i>9</i>	<i>450</i>	<i>600</i>	<i>20</i>		
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	CA1	A 1
<i>Winter trimester</i>	<i>90</i>	<i>70</i>	<i>7</i>	<i>00</i>	<i>20</i>	<i>2</i>	<i>330</i>	<i>420</i>	<i>14</i>		
Intelligent Agents	20	20	2	00	0	0	70	90	3	Ex 1	W 2
Ontology engineering	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	CA1	W 2
Practicals in Real-Life Projects No 1	20	0	0	00	20	2	100	120	4	CA1	W 2
<i>Spring trimester</i>	<i>70</i>	<i>50</i>	<i>5</i>	<i>00</i>	<i>20</i>	<i>2</i>	<i>710</i>	<i>780</i>	<i>26</i>		
Intelligent Software Architectures	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	CA1	S 3
Practicals in Real-Life Projects No 2	20	0	0	00	20	2	100	120	4	CA1	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
<b>TOTAL</b>	<b>310</b>	<b>180</b>	<b>18</b>	<b>00</b>	<b>130</b>	<b>13</b>	<b>1490</b>	<b>1800</b>	<b>60</b>		

**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