

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 SOFTWARE ARCHITECTURES AND TOOLS - 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	TAAYTRTn
ACADEMIC YEAR									
Autumn trimester	150	60	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 CA1 A 1
Winter trimester	90	70	7	00	20	2	330	420	14
Service-Oriented Architectures	20	20	2	00	0	0	70	90	3 Ex 1 W 2
Quality and Testable Code	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
Spring trimester	70	50	5	00	20	2	710	780	26
Software Tools	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	15Ex 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