MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

(Enrolment 2017)

PROVED		(Enrolment 2017)											
Rector of Igor	Sikorsky Kyiv Polytechnic Institute	evel		Maste	r								Form of study full-time (full-time, part-time)
Michael Zgurovsky		Speciality				122 Computer Science							Faculty (Institute) Institute for Applie System Analysis
2	2017 Sp	Specialization				Artificial Intelligence Systems							Qualification Computer Science Analyst
		Profile program				Educational and Professional							Study duration 1 year 4 months
	Graduation Department Analysis									Base level Bachelor degree			
						dule c	ofeduc	ationa		ess			
₩ 1 2 1	P P P P P P R R R R R R R	Decembra 16 17 R Practic	7 18 R	19 20 E E R R	21 22 H H R A Research		January 25 26 A Asse	27 28		31 32 Holiday	April 33 34	35 36	May June June June June August August
II. Sur	mmary table of time budget (Weeks)				III. Pr	actice							IV. Graduates assessment
g Learning Examinal Practice Assessme nt Research Holiday Total I 36 4 1 12 52 II 8 10 18			Type of practice YEAR Pre-Diploma Practice II				8 Weeks				Subjects	Form of graduates assessment (exam, graduation project) Master's Thesis Implementation II	
	V. Pla	n of E	duca	tional	proces	s							
	Distribution fo (semester				rms		Number of hours						
					cts	(dits		Lect	ures/pra lessons	ctical		
Code	Subjects		Exams	Final tests	Course projects	Coursework	ECTS Credits	Total	Lectures	Practical	Laboratory	Self-study	
1	2		3	4	5	6	7	8	9	10	11	12	
		ENE											
1/I	I.1. Basic Patenting and Intellectual Property	c trair	iing	(majc	or cour	ses)	3	90	36	18		36	
2/I	Methods and Technologies of Computational Intelligence		1			1	5.5	165	54			93	
3/I	Big Data Processing and Analysis		2				4.5	135	54		18 18	63	
	total number of par		2	1		1	13	390	144	18	36	192	
1/1	I.2. Basic		ng (optio 1	nal co	urses		60	10	10		24	
1/II 2/II	Subjects on Sustainable Development Problem Pedagogy Subjects	ns		2			2	60 60	18 30	18 6		24	
3/11	Workshop on Scientific Communication in Fore	eign		2			3	90		72		18	
4/11	Language Subjects on Startup Projects Development			2			3	90	18	36		36	
	total number of par	t I.3		4			10	300	66	132		102	
	I.3. Science		arch	(opt	ional o	course	es)		•	•			
1/11	Fundamentals of Scientific Research			1			2	60	9	18		33	
2/11	Scientific Work on the Topic of Master's Thesis	s		1 3			2 14	60 420		18		42 420	
4/11	Pre-Diploma Practice Master's Thesis Implementation			3			14	420				420	
	total number of par	t I.3		2			34	1020	9	36		975	
	TOTAL IN GENERAL TRAIN	ING	2	7		1	57	1710	219	186	36	1269	
	II. VC	CATI	ONA	LTR	AINING	3							
		d prac	tica		ning (m	najor o	course						
	II.1. Vocational and			1d	1 7		3	90	36	18 18		36	
1/c	Cognitive Modeling						35	105					
1/c 2/c 3/c			1	2			3.5 4	105 120	36 36	10	18	51 66	
2/c	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems		1							36	18 18		
2/c	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part	II.1	1	2 2	ng (op	tional	4 10.5	120 315	36			66	
2/c	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems	II.1	1	2 2	ng (op	tional	4 10.5	120 315	36			66	
2/с 3/с 1/св 2/св	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods	II.1	1 ical	2 2 traini	ng (op	tional	4 10.5 Cours 2.5 3.5	120 315 es) 75 105	36 108 28 36	36	18	66 153 39 51	
2/с 3/с 1/св 2/св 3/св	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods Multi-Agents Systems	II.1 pract	1 ical	2 2 traini 2	ng (op	tional	4 10.5 2.5 3.5 4	120 315 es) 75 105 120	36 108 28 36 36	36 8	18	66 153 39 51 66	
2/c 3/c 1/cB 2/cB 3/cB 4/cB	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods Multi-Agents Systems Computer Information Systems in Economics a Finance	II.1 pract	1 ical 1 2	2 2 traini 2	ng (op		4 10.5 2.5 3.5 4 4.5	120 315 es) 75 105 120 135	36 108 28 36 36 36	36 8	18 18 18	66 153 39 51 66 81	
2/c 3/c 1/cB 2/cB 3/cB 4/cB 5/cB	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods Multi-Agents Systems Computer Information Systems in Economics a	and	1 ical	2 traini 2 2d	ng (op	tional	4 10.5 2.5 3.5 4 4.5 5	120 315 es) 75 105 120 135 150	36 108 28 36 36 36 36 36	36 8 18	18	66 153 39 51 66 81 96	
2/c 3/c 1/cB 2/cB 3/cB 4/cB	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods Multi-Agents Systems Computer Information Systems in Economics a Finance Modern Programming Technologies Advanced Systems Selforganization and Evolu Economics	and utive	1 ical 1 2 2	2 traini 2 2d	ng (op	2	4 10.5 2.5 3.5 4 4.5 5 3	120 315 es) 75 105 120 135 150 90	36 108 28 36 36 36 36 36 36	36 8 18 18 18	18 18 18 18	66 153 39 51 66 81 96 36	
2/c 3/c 1/cB 2/cB 3/cB 4/cB 5/cB	Cognitive Modeling Intelligent Systems for Decision-Making High-Load Distributed Computational Systems total number of part II.2. Vocational and Marketing Risk-Management by Data Mining Methods Multi-Agents Systems Computer Information Systems in Economics a Finance Modern Programming Technologies Advanced Systems Selforganization and Evolu	and utive II.2	1 ical 1 2	2 traini 2 2d	ng (op		4 10.5 2.5 3.5 4 4.5 5	120 315 es) 75 105 120 135 150	36 108 28 36 36 36 36 36	36 8 18	18 18 18	66 153 39 51 66 81 96	

Approved by Faculty Academic Council, Meeting protocol № ____ from April 25, 2017

 Head of the Department
 O.L.Tymoschuk

 Dean of the Faculty (Director of the Institute)
 O.L.Tymoschuk

V.D.Romanenko