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

EDUCATIONAL CURRICULUM

(educational part of study program)
for 2019 / 2020 study year
(Enrolment 2019)

APPROVED
First Vice-Rector of Igor Sikorsky KPI

_____Y.I.Yakymenko
"_____" _____ 2019 y.

Level	-	PhD in study field 12 Information Technology
Speciality		*121 Software Engineering*
Educational and Scientific program		
	-	Distributed systems software engineering
Graduation department	-	*Department of design automation for energy processes and systems*

Faculty (institute)	Heat and Power Engineering
study form	**part-time**
ECTS credits	**30**
Base degree	master

№	Educational components	Department	Credits	Hours	Total	Lectures in Curriculum	Lectures with individual teaching	Practice (seminars) in Curriculum	Practice with individual teaching	Laboratory (computer) in Curriculum	Laboratory with individual teaching	Individual teaching	Self-study	Exams	Final tests	Module tests	Course projects	Course works	Calculation tests	Self-test	Abstracts	Total (1 sem)	Lectures (1 sem)	Practice (1 sem)	Laboratory (1 sem)	Total (2 sem)	Lectures (2 sem)	Practice (2 sem)	Laboratory (2 sem)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	I.GENERAL TRAINING CYCLE																												
	I.1. Educational disciplines for obtaining in-depth knowledge of the specialty																												
	I.2. Educational disciplines for mastering general scientific (philosophical) competencies																												
4	Philosophy 1. Communication ethics	Philosophy	1.5	45	4	2		2					41		1					1		4	2	2					
5	Philosophy 2. Social philosophy	Philosophy	2.5	75	10	8		2					65	2						2						10	8	2	
	Total:		4	120	14	10		4					106	1	1					2		4				10			
	I.3. Educational disciplines for acquiring language competencies																												
6	Foreign language for scientific activity	English Language of Technical Orientation №1	3	90	8			8					82		1					1		8		8					
6	Foreign language for scientific activity	English Language of Technical Orientation №1	3	90	6			6					84	2		2										6		6	
	Total:		6	180	14			14					166	1	1	1				1		8				6			
	II.PROFESSIONAL TRAINING CYCLE																												
	II.1. Educational disciplines for the acquisition of universal competencies of the researcher																												
7	Methods and Organization of the Scientific Research	Computer Engineering	2	60	6			6					54		2											6		6	
	Total:		2	60	6	0		6					54		1											6			
	Total for the study period:		12	360	34	10		24		0			326	2	3	1				2	1	12				22			

Amount																				
	Exams																		2	
	Final tests															2				1
	Module tests																			1
	Course projects																			
	Course works																			
	Calculation tests																			
	Self-test																1			1
	Abstracts																	1		

Head of the Scientific and Methodical Board of Speciality   / Ivan DYCHKA /   /

Approved by Scientific Council of the faculty, meeting protocol № 8 from 25 march 2019

Head of the Department of Design Automation for Energy Processes and Systems   / Olexandr KOVAL /

Dean of the Faculty of Heat and Power Engineering   / Evgen PYSMENNY/