MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

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

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APPROVED		Level	Master	Field o	of Knov	vlec	14	Elec	trical	Enai	neeri	na	Fac	culty (Ir	nstitute)	ŀ	leat and Po	ower	
by Academic Council	(Name of Educational Level)						(0	Code and I	Name of th	e Field of	Knowledg	e)		Engineer					
Igor Sikorsky Kyiv Polytechnic Insti	itute	Speciality		14:	<u>3 Nuc</u>	lear F	Powe	r Eng	ineer	ing			Qu	alificat	ion	Mast	er of Nuclea	r Energy	
	(Meeting protocol in≥ from 2021) (Code and Name of the Speciality) Educational and Professional Program Study (ıdy dur	ation		l year 4 mo	onth		
Head of Academic Council												Basol	ovel		Bachelo				
Mykhaylo ILCHE	ENKO		Form of study		Nut	(Title	of the pro	gram)	1115					Dasen	5001	(Educ	ational Degree is	Indicated)	
Form of study <u>full-time</u> (ruii-time, evening, part-time (remote), externship)																			
		Gra	duation Department	Nu	clear P	ower S	Station	s and	Engine	ering 1	herma	l Phys	ics						
			L Schodulo d	foduc	ational	proce													
September Octob	er	November December	January	February	ational	March	55	April	05 00	May	00 40	June	10 11	July	Aug	just			
▶ 1 2 3 4 5 6 7	8 9 10	11 12 13 14 15 16 17 18	E E H H	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44 45 46 47 48 49 50 51 52 H H H H H H H H H H H H						
Symbols: Learning	peri E Exa	mination H Holiday P	Practice R Res	earch					R/A	Research	n and Ass	essment.							
II. Summary Table of Tin	ne Budaet	(Weeks)	III. Pr	actice							IV.	Grad	uates /	Assess	ment				
Learning Examinatio Practice Assessme	Master's Thesis Implementation	Holiday Total	Type of practice	Semes	Semester Weeks				Subjects				Form	of gradua	ates assessme	nt Semeste)		
→ penda n n n n n n n n n n n n n n n n n n	and Defence	12 52	Pre-diploma Practice	3		8											1		
11 8 3	7	18		5 0			l		Master Thesis				N	Aaster The	isis Defence	3	J		
V. Plan of Educational process																			
			(semesters)					Number of Hours											
	0				s		¥	redit	Classroom					Ā					
				Sme	test	proj	sewo	SC	I Sc	al	SL	äl	ory	Stud					
				Exi	Final	urse	ours	ECT	nera	Tot	ctio	actic	orat	Self-					
					-	Col	ပ		Ge		Le	Pr	Lab	.,					
	1 2 3 4 5 6 7 8 9 10 11 12 1 1. Normative Educational Components										13								
			1.1. 0	General	Traini	ng Cyc	le												
			1.1. 0	Seneral	Traini	ng Cyc	le			5.4	0.0	10							
	30.3	Intellectual Property and P	atenting Law		1		1	3,0	90	54	36	18		36					
	30 2	Sustainable innovative dev	velopment		1		1	2,0	60	36	18	18		24					
	3O 4 Management of startup projects				2		2	3,0	90	54	18	36		36					
	30 1 Practical course of foreign language business communication				2	1	1	3,0	90	72		72		18					
TOTAL of General training cycle E					4 al Train	2 ning Cy	6 vcle	11	330	216	72	144		114					
Theory and systems of automatic control of						J J J	1	3,0	90	54	36		18	36					
	ПО 1	Mathematical modeling of	systems and	1		1		4,0	120	54	18	36		66					
	ПО 7	Control and regulation of s	team turbines of		1	1	1	3,5	105	54	27	27		51					
	ПО 2	Methods of risk and reliabi	lity analysis of	1			1	4,5	135	54	36		18	81					
	ПО 3	Course work on methods of reliability of puclear power	of risk analysis and		1			1,0	30					30					
	ПО 4	Operating modes of nuclea	ar power plants	1		1	1	5,5	165	72	45	9	18	93					
	ПВ 5	ΠB 5 Decontamination, repair, maintenance and decommissioning of NPPs				2	2	3,5	105	36	27	9		69					
			Researc	h (scie	ntific) (Compo	onent												
	ПО 9	Scientific Work on the Top	ic of Master's Thesis		1,2	2		4,0	120	45	9	36		75					
	ПО 10	Pre-diploma Practice			3			14,0	420					420					
	ient					12,0	360					360							
	то	TOTAL of Vocation	nal training cycle EC	4	6 10	7	7	55 66	1650 1980	369 585	198 270	117 261		1281					

10	TAL OF NORMATIVE educational components	4	10	9	13	00	1900	565	210	201		1395
2. Elective Components												
2.1. Vocational training cycle (elective components from interfaculty / faculty / department Catalogs)												
ΠB 1	Educational component 1. F - Catalog	2			2	6	180	72	54	18		108
ΠB 2	Educational component 1. F - Catalog	2		2	2	6	180	90	36	27	27	90
ПВ 3	Educational component 1. F - Catalog		2	2	2	4	120	36	27	9		84
ПВ 4	Educational component 1. F - Catalog		2	2	2	4	120	54	36	18		66
ПВ 5	Educational component 1. F - Catalog		2		2	4	120	54	36	18		66
TOTAL of General training cycle elective EC			3	4	6	24	720	1521	801	549	63	4269
TOTAL of ELECTIVE educational components			3	4	6	24	720	1521	801	549	63	4269
TOTAL			13	13	19	90	2700	2106	1071	810	63	5664

Head of the SMB of Speciality		/ Evgen Pysmennyy /		
	(Signature)	(Name)		
Head of the NPS and ETP Department	(Signature)	/ Valeriy Tuz / (Name)	Dean of the Heat and Power Engineering Faculty	I Evgen Pysmennyy / (Name)