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				MI	NISTR	YOFE	DUCAI	ION AN	ID SCI	ENCE		RAINE		
	1	Vational	Tech	nnical	Unive	ersity o	of Ukra	aine "Ig	jor Sil	korsky	/ Kyiv	Polyte	chnic Institute"	
						(DIC		INA				
						,								
APPROVED							(En	rolmen	t 2021))				
by Academic Cou	uncil Le	evel		Ph	D								Form of study	full-time
laor Sikorsky Kviv	Polytechnic Institute													(full-time, part-time)
(meeting protocol	Nº from 2021)													Master of Telecommunications
	· ·	Speciality 172 Telecommunications and Radio Engineering								Qualification	and Radio Engineering			
													Qualification	
Head of Academ	ic Council Ed	Educational and Scientific program										Study duration	4 years	
I	Mykhaylo ILCHENKO		Inf	ormat	ion-co	ommu	nicatio	on tech	nolog	jics			Base level	Master degree
						Educa	tional	-Scient	ific In	stitute	e of		Educational compon	ent 40 ECTS Credits
	Fa	aculty (Ir	nstitut	e)		Tele	comm	unicat	ion S	ystem	s			
						~ · ·				•				
						Sched	ule of	study						
EAR	October November December	Janu	ary	Feb	ruary	Ma	irch	07 00	April	04 00	May	05 00	June July	August September
≻ 1 2	3 4 5 6 7 8 9 10 11 12 13 14	15 16 F F	17 18 R R	19 20 RT RT	21 22 RT	23 24	25 26	27 28	29 30	31 32	33 34	35 36	F F R H H H H H	45 46 47 48 49 50 51 52 H H H H H R RT RT RT
		FF	RR		RT								F F R H H H H H	
III R R		R R			RT R	RR	R R	RR	R R	RR	RR	RR		
Symbols:		I Intern	K K	R	Researc	h K	RT Rep	ort	K K	Assessm	nent	K K		
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	l.	Educatio	onal c	ompor	nent									
Summary	y table of time budget (Weeks)								Interr	nship				
Learning	Examination Internship Holiday Total						Туре	of Intern	ship	YEAF	x W	eeks		
I 28	5 9 42						Pedagogio	cal practice		3		2		
II 26	5 2 9 42													
	Pla	n of Edu	catio	nal pro	cess									
			Dist	ributio	n for te	erms		[
		(semesters)					Number of hours							
					×		dits		Lect	Lectures/pract				
e				ms tests	al tas	e test	rec	a		lessons	-	ž		
ö	Educational components	ms m	ms				SC		S	.	ory	the		
			xa	al t	np	Inp	Ë	Lot	nre	tic	ato	f-s		
			ш	Fin	div	Mo	ш	-	ect	rac	poq	Sel		
					ln	-				L	La			
1	2		3	4	5	6	7	8	9	10	11	12		
	1. [Normati	ve co	mpor	ents									
Na	1.1. Dhile an biast animaintea sé asian titis a sti	. Genera	al trai	ning (cycle		6	400	24	40		100		
N1	Philosophical principles of scientific activ	vity	2	1	2	1	Ø	180	31	49		100		
	4.2.1	Veedie	n al 4r	oining										
N2	I.2.	vocatio	2 nai tr			2 2	6	180		76		104		
INZ	Innevative directions of telecommunicati	one	2	I	-	2	0	100		70		104		
N3	and radio engineering development	0115	3			3	3	90	13	13		64		
N4	Mathematical methods of scientific resea	rch for	3			3	3	90	13	13		64		
	telecommunications and radio engineering	ng	•				•					•.		
	Simulation modeling for telecommunicat	ione												
N5	Simulation modeling for telecommunicat	ions	4			4	3	90	18	18		54		
NG	Applied aspects of system analysis for		4			4	3	90	18	18		54		
	telecommunications and radio engineering	ng	-			-	•	50	10	10		34		
N7	Scientific and innovative activities organi	ization		3,4		4	4	120	31	31		58		
N8	Pedagogical practice*			3			2	60				60		
	TOTAL of NORMATIVE educational comp	onents	6	5	2	7	30	900	124	218		558		
	2.	Electiv	e con	npone	ents									
E1	Educational component 1 F-Catalog		2			2	5	150	36	36		78		
E2	Educational component 2 F-Catalog		4			4	5	150	36	36		78		
	TOTAL of ELECTIVE educational comp	onents	2			2	10	300	72	72		156		
	1	TOTAL	8	5	2	9	40	1200	196	290		714		
Ļ				·	•	•		-			l	1		
		I. Scienti	ific co	mnon	ent									

II. Scientific component					
YEAR	The content of the graduate student's scientific work	Forms of control (Reporting)			
1st year	Choice and substantiation of the topic of own scientific research, determination of the content, terms of performance and volume of scientific works; selection and substantiation of the methodology of conducting own research, review and analysis of existing views and approaches that have developed in modern science in the chosen field. Preparation and publication of at least 1 article (usually a review) in scientific professional publications (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	Approval of the individual plan of the graduate student's work at the academic council of the institute / faculty, reporting on the progress of the individual graduate student's plan twice a year			
2nd year	Conducting own research under the guidance of the supervisor, which involves solving research problems through the use of a set of theoretical and empirical methods. Preparation and publication of at least 1 article in scientific professional publications (domestic or foreign) on the research topic; participation in a scientific and practical conferences (seminars) with the publication of abstracts.	reporting on the progress of the individual graduate student's plan twice a year			

	participation in scientific and practical configences (seminars) with the publication of abstracts.	
3rd year	Analysis and generalization of the obtained results of own scientific research; substantiation of scientific novelty of the obtained results, their theoretical and / or practical significance. Preparation and publication of at least the 1st article in scientific professional publications on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	reporting on the progress of the individual graduate student's plan twice a year
4th year	Registration of scientific achievements of the post-graduate student in the form of the dissertation, summing up concerning completeness of coverage of results of the dissertation in scientific articles according to the current requirements. Implementation of the obtained results and receipt of supporting documents. Submission of documents for preliminary examination of the dissertation. Preparation of a scientific report for final certification (defense of the dissertation).	Reporting on the progress of the individual graduate student's plan twice a year Providing an opinion on the scientific novelty, theoretical and practical significance of the dissertation results.

Head of the Scientific and Methodical Board of Speciality Leonid URYVSKY / /	
Head of the Department //	
Dean of the Faculty //	