

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

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

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PROVED								(En	rolment	t 2022)															
y Academic Council			Level PhD										Form of study						full-time						
or Sikorsky Ky eeting protoco	Speciality	у		184 Mining										Qualification					(full-time, part-time) Philosophy Doctor						
ead of Academic Council			Educational and Scientific program									Study duration					n	4 years							
		Geoenaineerina									Base level						Master degree								
		Graduati	on Der	oartme	ents			Geor	ngineeri	na					Educational compor					ent 40 ECTS Credits					
		Faculty (Institu	te) <u>E</u> c	lucationa	al and Sci	entific	Institute	for Ener	rgy Savii	ng and I	Energy I	Manage	ment											
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Symbols:	Learning period E Examination	P Pra	ctice	R	F	Research			RT Rep	ort	А	Assessn	nent	H Hol	day										
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Summa	Examination Internship Holiday Total								Туре	of Intern	Interr ship	IShip YEAF	2 1	Neeks	1										
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ę	Educational components		s	sts	test	grap n and gnm	est	strac	Cred				>	dy											
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	Philosophical Principles of Scientific Activ	vities.			Т.		,																		
301.1	Part 1. Scientific Outlook and Ethical Cult Scientist	ure of a		1	1				2	26	13	13		34											
301.2	Philosophical Principles of Scientific Activ 2. Philosophical Gnosiology and Epistem	vities. Part ology	2					2	4	54	18	36		66											
Subjects for Gaining						ing Language Competencies									1										
302.1 Foreign Language for Scientific Activities Scientific Research		. Part 1.		1				1	3	39		39		51											
302.2	Foreign Language for Scientific Activities Scientific Communication	. Part 2.	2		2				3	36		36		54											
	Subject	ts for Gai	for Gaining Deep Knowledge on Speciality										l												
303	Geomechanical Processes in Rock Rang	es al	3		3				6	65	26	39		115											
304.1	Processes. Part 1. Mechanics of Deforme Body	ed Solid		3				3	3	39	13	26		51											
304.2	304.2 Mathematical Modelling of Geomechanic Processes. Part 2. Numerical Methods in Geomechanics			4					3	36	18	18		54											
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ПО1	Organization of scientific and innovative a	activities		2	2		2		4	54	36	18		66											
ПО2	Improving the Pedagogical Skills of a Lec Researcher	turer and		1	1		1		4	52	26	26		68											
ПОЗ	Pedagogical practice*			3					4					120											
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	TOTAL OF ELECTIVE Educational cor	TOTAL	3	9	5		4	3	48	¹⁴⁴ 545	222	323	0	895	1										
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Exams Final tests

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II. Scientific component									
YEAR	The content of the graduate student's scientific work	Forms of control (Reporting)							
1st year	Choosing and justification the topic of your own scientific research, defining the content, deadlines and scope of scientific work; selection and substantiation of the methodology for conducting one's own scientific research, the implementation of inspection and analysis of existing views and approaches that have developed in modern science in the chosen direction. Ttraining and publication of at least 1 article (usually a review article) in scientific journals (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	Approval of the individual work plan of the graduate student at the academic council of the institute / faculty, reporting on the progress of the individual plan of the graduate student twice a year							
2nd year	Conducting, under the guidance of a scientific supervisor, one's own scientific research, which involves solving research problems by applying a complex of theoretical and empirical methods	Report on the progress of the individual plan of the graduate student twice a year							
3rd year	Analysis and generalization of the obtained results of own scientific research; substantiation of the scientific novelty of the results obtained, their theoretical and / or practical significance.	Report on the progress of the individual plan of the graduate student twice a year							
4th year	Registration of scientific achievements of a graduate student in the form of a dissertation, summing up the completeness of coverage of the results of the dissertation in scientific articles according to the current requirements. Implementation of the results obtained and obtaining supporting documents. Submission of documents for preliminary examination of the dissertation. Preparation of a scientific report for graduation certification (protection of the dissertation).	Report on the progress of the individual plan of the graduate student twice a year. Providing an opinion on scientific novelty, theoretical and practical significance of the results of the dissertation.							

Head of the Department ____/_Oksana VOVK

Dean of the Faculty (Director of the Institute) _____/ Serhii DENYSIUK