



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

**WORK CURRICULUM**

for the 2021/2022 academic year

(Enrolment 2020)

**APPROVED**  
Vice-rector for educational work  
Igor Sikorsky Kyiv Polytechnic Institute

Specialty (code and name) 184 Mining  
according to the educational-professional program of master's training (specialization)

Faculty (institute) Institute of Energy Saving and Energy Management

Form of study full-time

Study duration 1 year 4 months

\_\_\_\_\_ Anatoliy MELNYCHENKO  
" \_\_\_\_ " \_\_\_\_\_ 2021

**Geoengineering**  
Educational degree Master  
Graduation department Department of Geoengineering

Qualification Master of Mining

№	Educational components	Name of departments	Volume of the subject		Number of Auditory hours						Self-study	Control measures and their distribution by semesters							Distribution of auditory hours per week by courses and semesters													
			ECTS Credits	General amount	including							Exams	Tests	Module test	Course project	Coursework calculation and graphic work	Home control work	Summery	II course													
					Lectures		Practical		Laboratory										Individual work	OC-01Мп (6+1)												
			Total	зє урахуван. лрД занять		зє урахуван. лрД занять		зє урахуван. лрД занять		Total		Lectures	Practical	Laboratory	3 Semester																	
															Total	including																
<b>1. Compulsory educational components</b>																																
<b>Research (scientific) component</b>																																
1	Practice	Department of Geoengineering	14	420										420	3																	
2	Master's Thesis preparation	Department of Geoengineering	16	480										480																		
<b>TOTAL for the NORMATIVE educational components</b>			<b>30</b>	<b>900</b>										<b>900</b>	<b>1</b>																	
<b>TOTAL</b>			<b>30</b>	<b>900</b>										<b>900</b>	<b>1</b>																	
			<b>TOTAL</b>		<b>Exams</b>																											
			<b>TOTAL</b>		<b>Tests</b>																											
			<b>TOTAL</b>		<b>Module test</b>																											
			<b>TOTAL</b>		<b>Course project</b>																											
			<b>TOTAL</b>		<b>Coursework</b>																											
			<b>TOTAL</b>		<b>Calculation and graphic work</b>																											
			<b>TOTAL</b>		<b>Home control work</b>																											
			<b>TOTAL</b>		<b>Summery</b>																											
			<b>TOTAL</b>																													

№	Type of practice	Date of carrying out	Duration, weeks	Semester
	Practice	01.09-26.10.2021	8	3

№	Graduation certification	Date of carrying out
	Defense of the Master's Thesis	20.12-31.12.2021

Type of work	The norm for 1 student, hours	Name of the departments	Number of students		TOTAL	
			Б	К	Б	К
Supervising	30	Department of Geoengineering	6	1	180	30

		Geoengineering				
<b>Consultancy</b>	<b>3</b>	Department of Geoengineering	6	1	18	3
	<b>1</b>	Department of Economics and Business	6	1	6	1
<b>Reviewing</b>	<b>4</b>	Department of Automation of electrotecnic and mechatronic complexes	6	1	24	4
<b>EK (0,5xd)</b>	<b>0,5x4=2</b>	Department of Geoengineering	6	1	12	2
<b>TOTAL</b>	<b>40</b>	<b>TOTAL</b>	<b>240</b>	<b>40</b>		

d - кількість членів ЕК з даної кафедри

Approved by Institute Academic Council, Meeting protocol №\_10\_ from March 30, 2021

Head of the Department \_\_\_\_\_ / Anatoliy KRUCHKOV/  
(І.П.Прізвище) (І.І.І.)

Dean of the Faculty (Director of the Institute) \_\_\_\_\_ /Serhii DENYSIUK/  
(І.П.Прізвище) (І.І.І.)