



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 2021)

Faculty (institute)

Institute of Energy Saving and Energy Management

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)

Form of study

full-time

Study duration

1 year 4 months

Geoengineering

Educational degree

Master

Qualification

Master of Mining

_____ Anatoliy MELNYCHENKO

" " _____ 2021

Graduation department

Department of Geoengineering

№	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	Total	including						Individual work		Exams	Tests	Module test	Course project	Coursework calculation and graphic work	Home control work	Summery	1 course			OC-11mn (10+2)					
						Lectures	Practical		Laboratory		1 Semester										2 Semester								
			за НР	з урахуван. Інд занять	за НР		з урахуван. Інд занять	за НР	з урахуван. Інд занять	Total	including			Total	including														
									Lectures		Practical	Laboratory			Total	Lectures	Practical	Laboratory											
1. Compulsory educational components																													
1.1. General training cycle																													
1	Intellectual Property and Patenting-1. Intellectual property	Department of Intellektual property and private	1	30	18	12	6						12											1	0.7	0.3			
2	Intellectual Property and Patenting-2. Patenting and acquisitions	Department of Machine Design	2	60	36	24	12						24	1	1									2	1.3	0.7			
3	Basics of Engineering and Sustainable Development Technologies	Power Supply Department	2	60	36	18	18						24	1	1								2	1	1				
4	Practical course of Foreign Language on Business Communication	Department of English for Engineering 1	3	90	72		72						18	2	1						1		2	2		2		2	
5	Management of startup projects	Department of Economic Cybernetics Економічної кібернетики	3	90	54	18	36						36	2	2									3	1	2			
	Total number of part 1.1		11	330	216	72	144						114	4	4					1		7	3	4	5	1	4		
1.2. Vocational training cycle																													
6	Geotechnical Structures Construction	Department of Geoengineering	4	120	54	27	27						66	1	1		1						3	1.5	1.5				
7	Underground Enterprises Reconstruction	Department of Geoengineering	4	120	54	27	27						66	1	1		1						3	1.5	1.5				
8	Specialized Course On Underground	Department of Geoengineering	4	120	72	36	36						48	1	1		1						4	2	2				

