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

CURRICULUM
admission in 2023

APPROVED
by Academic Council Igor Sikorsky Kyiv Polytechnic Institute
"___"_____ 20__ р.

meeting protocol No _____

Head of Academic Council
_____ Mykhaylo ILCHENKO

Level **Master** Field of Study 05 - Social and behavioral sciences	
Speciality 54 "Sociology"	
Educational and Scientific Programme **"Social Data Analytics"**	
Form of study *full-time*	

Faculty (Institute)	Faculty of Sociology and Law
Qualification	Master of Sociology
Study duration	1 year 9 months
Base level	Bachelor Degree
Academic Groups	СЛ-31мні

Graduation Department
Department of Sociology

I. Schedule of educational process

Year	September 1-4	October 5-9	November 10-13	December 14-18	January 19-22	February 23-26	March 27-30	April 31-35	May 36-39	June 40-43	July 44-48	August 49-52
1					с с к	к					к к к к	к к к к
2					с с к	к	п п п п п	п п д д	д д д д д	д д д А А	А - - -	- - - -

Symbols: Learning period | с Examination | п Practice | д Research | А Assessment | к Holiday

II. Summary table of time budget (Weeks)

YEAR	Learning period	Examination	Practice	Research	Assessment	Holiday	Total
1	36	4	0	0	0	12	52
2	18	2	8	11	2	2	43

III. Practice

Type of practice	Term (Semester)	Weeks
Internship	4	8

IV. Graduates assessment

Subjects	Form of graduates assessment (exam, graduation project)	Semester
Writing the master's dissertation	Graduation project pitch	4

V. Plan of Educational Process

Code	Educational components	Exams	Final tests	Module test	Calculation, graphic assignments	Home test	Essay, abstract	ECTS Credits	Total	Total (Classroom)	Lectures	Practical	Laboratory	Self-study	1 year Term 1 (18 wk)	1 year Term 2 (18 wk)	2 year Term 3 (18 wk)	2 year Term 4 (0 wk)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20
	1. NORMATIVE educational components																	
	General training cycle																	
ZO 01	Intellectual property in the scientific and research sphere		1	1				3.0	90	54	36	18		36	3			
ZO 02	Pedagogy of higher education		1	1				2.0	60	36	18	18		24	2			
ZO 03	The social dimension of sustainable development		1	1				2.0	60	36	18	18		24	2			
ZO 04	Leadership and anti-crisis management		1	1				3.0	90	54	18	36		36	3			
ZO 05	Workshop on foreign language scientific communication		2	1			2	5	150	108		108		42	3	3		
ZO 06	Introduction to analytical sociology	1		1	1			5.0	150	54	18	36		96	3			
ZO 07	Methodology and methods of sociological research in the digital age	1		1				4.0	120	54	18	36		66	3			
	Together of the cycle of general training	2	5	7	1	0	1	24	720	396	126	270	0	324	19	3	0	0
	Vocational training cycle																	
PO 01	Computer analysis of social information and data visualization		1	1	1			4.0	120	54	18	18	18	66	3			
PO 02	Theories of social behavior in modern sociology	1		1			1	4.0	120	54	18	36		66	3			
PO 03	International project grant activity and startup management	3		3				5.0	150	54	18	36		96			3	
PO 04	Methods of multidimensional analysis in sociology	2		2			2	5.0	150	54	18	36		96		3		
PO 05	OSINT technologies in sociological research	3		3				4.0	120	54	18	36		66			3	
PO 06	Foresight methodology in the analysis and modeling of social processes	2		2				4.0	120	54	18	36		66		3		
PO 07	R and Python programming languages in statistical computing	2		2				4.0	120	54	18	36		66		3		
PO 08	Big data analysis and artificial intelligence	3		3				4.0	120	54	18	36		66			3	
	Research (scientific) component																	
PO 09	Research work on the topic of the master's thesis		3	3				2.0	60	36	18	18		24			2	
PO 10	Internship		4					12.0	360	0				360				X
PO 11	Writing the master's dissertation							18.0	540	0				540				X
	Total number of Vocational training cycle	7	3	9	1	0	2	66	1980	468	162	288	18	1512	6	9	11	0
	TOTAL of NORMATIVE educational components	9	8	16	2	0	3	90	2700	864	288	558	18	1836	25	12	11	0
	2. ELECTIVE educational components																	
	Vocational training cycle (Elective educational components from Interfaculty/Faculty/Department catalogue)																	
PV 01	Educational components 1 of the F-Catalogue		2	2				5.0	150	54	18	36		96		3		
PV 02	Educational components 2 of the F-Catalogue		2	2				5.0	150	54	18	36		96		3		
PV 03	Educational components 1 of the D-Catalogue		2	2				5.0	150	54	18	36		96		3		
PV 04	Educational components 2 of the D-Catalogue		3	3				5.0	150	54	18	36		96			3	
PV 05	Educational components 3 of the D-Catalogue		3	3				5.0	150	54	18	36		96			3	
PV 06	Educational components 4 of the D-Catalogue		3	3				5.0	150	54	18	36		96			3	
	Total number of Vocational training cycle	0	6	6	0	0	0	30	900	324	108	216	0	576	0	9	9	0
	TOTAL of ELECTIVE educational components	0	6	6	0	0	0	30	900	324	108	216	0	576	0	9	9	0
	TOTAL NUMBER	9	14	22	2	0	3	120	3600	1188	396	774	18	2412	25	21	20	0

	1	2	3	4
Exams	3	3	3	0
Final tests	5	4	4	1
Courseworks	0	0	0	0
Course projects	0	0	0	0
Module tests	9	6	7	0
Calculation, graphic assignments	2	0	0	0
Home tests	0	0	0	0
Essays, abstracts	1	2	0	0

Head of the NMKU-054 _____ Pavlo FEDORCHENKO-KUTUIEV
(sign)

Head of the Department KS _____ Pavlo FEDORCHENKO-KUTUIEV
(sign)

Dean of the Faculty/ Director of the Institute FSP _____ Olena AKIMOVA
(sign)