



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

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

**CURRICULUM**

(Enrolment 2020)

APPROVED

by Head of Academic Council

Igor Sikorsky Kyiv Polytechnic Institute

Mykhayilo ILCHENKO

2020

Level Master

Speciality 186 Publishing and Printing

Educational and Professional program Technology of printed and electronic publications

Graduation Department Technology of Printing Production, Reprography

Form of study full-time

(full-time, part-time)

Faculty (Institute) PPI

Qualification Master in Publishing and Printing

Study duration 1 year 4 months

Base level Bachelor degree

**I. Schedule of educational process**

YEAR	September				October				November				December				January				January				March				April				May				June				July				August											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
I																																																								
II	P	P	P	P	P	P	P	P	R	R	R	R	R	R	R	R	R	A			E	E	H	H																					E	E	H	H	H	H	H	H	H	H	H	H

Symbols:  Learning period  Examination  Practice  Research  Assessment  Holiday

**II. Summary table of time budget (Weeks)**

YEAR	Learning period	Examination	Practice	Assessment	Research	Holiday	Total
I	36	4				12	52
II			8		10		18

**III. Practice**

Type of practice	YEAR	Weeks
Pre-diploma practice	3	8

**IV. Graduates assessment**

Subjects	Form of graduates assessment (exam, graduation project)	YEAR
	Master Thesis Defence	3

**V. Plan of Educational process**

Code	educational components	Distribution for terms (semesters)					ECTS Credits	Number of hours				
		Exams	Final tests	Course projects	Coursework	Total		Lectures/practical lessons			Self-study	
								Lectures	Practical	Laboratory		
1	2	3	4	5	6	7	8	9	10	11	12	
<b>1. Compulsory educational components</b>												
<b>1.1. General training cycle</b>												
GO 1	Intellectual Property and Patenting		1		1	3	90	36	18		36	
GO 2	Subjects on Sustainable Development Problems		2		2	2	60	18	18		24	
GO 3	Workshop on Scientific Communication in Foreign Language		2	1	1	3	90		72		18	
GO 4	Innovation Management		1		1	3	90	18	36		36	
<b>total number of part 1.1</b>		<b>0</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>11</b>	<b>330</b>	<b>72</b>	<b>144</b>	<b>0</b>	<b>114</b>	
<b>1.2. Vocational training cycle</b>												
PO 1	Engineering and Technical Support for Publishing and Print Production 1. Planning of Production Infrastructure 2. Project Implementation	1	2		1,2	7,5	225	18	27	27	153	
PO 2	Creating the Basic Models for Publishing and Printing Facilities		1			2	60	9		27	24	
PO 3	Information Security in Printing	1		1	1	4,5	135	27	18		90	
PO 4	Product Recycling and Utilization Technologies		1	1	1	4	120	18		18	84	
PO 5	Methods of Research, Control and Testing for Printing Materials and Productions	1		1	1	3,5	105	18	9	9	69	
PO 6	Course Work in Engineering and Technical Support for Publishing and Print Production		1			1	30				30	
<b>Science research component</b>												
PO 7	Scientific Work on the Topic of Master's Thesis		1,2			4	120	9	36		75	
PO 8	Pre-diploma Practice		3			14	420				420	
PO 9	Master's Thesis Implementation					16	480				480	
<b>total number of part 1.2</b>		<b>3</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>56,5</b>	<b>1695</b>	<b>99</b>	<b>90</b>	<b>81</b>	<b>1425</b>	
<b>TOTAL IN NORMATIVE educational components</b>		<b>3</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>67,5</b>	<b>2025</b>	<b>171</b>	<b>234</b>	<b>81</b>	<b>1539</b>	
<b>2. Optional educational components</b>												
<b>2.1. Vocational training cycle (Optional subjects from Faculty catalogue)</b>												
PS 1	Educational Components 1 from Faculty Catalogue	2		2	2	4	120	27		18	75	
PS 2	Educational Components 2 from Faculty Catalogue		2	2	2	4	120	9		36	75	
PS 3	Educational Components 3 from Faculty Catalogue		2	2	2	3,5	105	9		18	78	
PS 4	Educational Components 4 from Faculty Catalogue	2		2	2	4	120	18	9	18	75	
PS 5	Educational Components 5 from Faculty Catalogue		2	2	2	3,5	105	18	9	18	60	
PS 6	Educational Components 6 from Faculty Catalogue		2	2	2	3,5	105	18	9	18	60	
<b>total number of part 2.1</b>		<b>2</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>22,5</b>	<b>675</b>	<b>99</b>	<b>27</b>	<b>126</b>	<b>423</b>	
<b>TOTAL IN SELECTIVE educational components</b>		<b>2</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>22,5</b>	<b>675</b>	<b>99</b>	<b>27</b>	<b>126</b>	<b>423</b>	
<b>TOTAL</b>		<b>5</b>	<b>15</b>	<b>10</b>	<b>15</b>	<b>90</b>	<b>2700</b>	<b>270</b>	<b>261</b>	<b>207</b>	<b>1962</b>	

GO - General Obligatory; PO - Professional Obligatory; PS - Professional Selective

Approved by Faculty Academic Council, Meeting protocol №\_\_ from \_\_\_\_\_, 2020

Head of the Technology of Printing Production Department /T. A. Roik/

Head of the Reprography Department /E. V. Shtefan/