

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

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

CURRICULUM

(Enrolment 2020)

by Academic Council	Level	Master		•		Form of study	full-time
lgor Sikorsky Kyiv Polytechnic Institute (meeting protocol № from 2020)	Speciality	161 Chemical Te	chnology a	and Engineering		Faculty (Institute)	(full-time, part-time) Chemical Technology
Head of Academic Council	Educationa	I and Scientific pro	ogram			Qualification	Master in chemical technologies and engeneering
Mykhaylo ILCHENKO	Chemica	al technologies of	cosmetic p	roducts and food addit	tives	Study duration	1 year 9 months
	Graduation	Department F	Physical C	nemistry		Base level	Bachelor degree

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II. Summary table of time budget (Weeks)										
YEAR	Leaming period	Examination	Practice	Assessment	Research	Holiday	Total			
-	36	4				12	52			
II	18	2	5		12	2	39			

III. Practice											
Type of practice	YEAR	Weeks									
Research	4	5									

IV. Graduates assessment										
Subjects	Form of graduates assessment (exam, graduation project)	YEAR								
Master thesis work	Master thesis defence	4								

	V. Plan of E	ducati	onal p	rocess										
		Dis	tributio (seme	n for te esters)	rms	"		Number of hours						
			ts	task	est	redit		Lect	ures/prac lessons		ıly			
Code	educational components	Exams	Final tests	Individual task	Module test	ECTS Credits	Total	Lectures	Practical	Laboratory	Self-study			
1	2	3	4	5	6	7	8	9	10	11	12			
	1. NORMATIVE e	ducat	ional	compo	onents	;								
	1.1. Gener	ral tra	ining	cycle										
301	Intellectual property and patenting		1		1	3	54	36	18		36			
302	Basics of Engeneering and Sustainable Development		1	1	1	2	36	18	18		24			
303	Practical Work in Foreign Language Scientific		2,3	1	2,3	4,5	108		108		27			
304	Marketing of startup projects		1		1	3	54	18	36		36			
305	Pedagogic in High School		3		3	2	36	18	18	1	24			
306	Mathematical methods of optimization	3		3	3	4	54	36	18		66			
307	Automatic control and plant processes control	3		3	3	4	54	36	18	l	66			
	1.2. Vocational training cycle													
ПО1	Physico-organic chemistry	1			1	6	72	54	18		108			
ПО2	Microbiology	1			1	7,5	81	36	18	27	144			
ПОЗ	Biologically Active Food Supplements		2		2	4	72	36	18	18	48			
ПО4	Methodology of innovative research	1		1	1	5	72	36	36		78			
ПО5	Computer chemistry	3		3	3	7,5	90	36	18	36	135			
	Research (sc	ientifi	c) cor	npone	ent									
ПО6	Scientific Work on the Master's Thesis		1,3	2		7,5	45	9	36		180			
ПО7	Research internship		4			9					270			
ПО8	Master thesis work					21					630			
	TOTAL of NORMATIVE educational components	6	10	7	13	90	828	369	378	81	1872			
2. ELECTIVE educational components														
2.1. Vocational training cycle (Optional subjetcs from Department catalogue)														
ПВ1	Educational component 7 of the D-Catalog	2			2	12,5	162	36	9	117	213			
ПВ2	Educational component 8 of the D-Catalog	2			2	6	90	54	18	18	90			
ПВ3	Educational component 9 of the D-Catalog	2		2	2	4	54	36	18		66			
ПВ4	Educational component 10 of the D-Catalog		3	3	3	7,5	72	18	18	36	153			
	TOTAL of ELECTIVE educational components	3	1	2	4	30	378	144	63	171	522			
	TOTAL	9	11	9	17	120	1206	513	441	252	2394			

Approved by University A	cademic Council, Meeting protocol № _	_ from 2020
Head of the Department	/Chyhyrynets O.E./ / Astrelin I. M. /	