Lutskyi

## **AGREED**

**AGREED** 

## MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

**National Aviation University** 

## **CURRICULUM**

**EDUCATION SEEKERS TRAINING** 

Nº CM - 5 - 192 - 1 / 21

Vice-Rector for Academics A. Polukhin

Research and Methodological Council

Minutes № <u>3</u> of <u>20.04</u> 2021

Head of Research and Methodological Council

\_O. Holubnychyi

Educational and Professional Program: Industrial and civil engineering

**Academic Degree:** 

Master

**Full-time** 

Head of Academics Department

Field of study: 19

Specialty 192 Educational qualification:

**Architecture and construction** Building and civil engineering

Master in Building and Civil Engineering

Mode of study:

Training period: 1 year 4 months I. Schedule of Academic Process

On the basis of educational level - Bachelor

II. Total amount of hours

Put into effect by Order of the Rector

ALLIMHHE

as of 29.04.2021 No

																																																																-	<u>(in</u>	W	ee	ks)							
	Se	epter	nber	-	29	0	ctob	er	27		No	ven	nber	r		Dec	emb	ber	T:	29	Jai	nuar	у	26	F	ebr	uar	у	23		Ma	rch		30	0	Α	pril		27		Ма	ау		Γ		Jur	ne		T	29		July	у	27	7	A	Augu	ust	П		Т				Т			_		Τ			Т		
Year of	1	8	15 2	22	IX	6	13	20	×	3	1	10 1	17	24	1	8	1.5	5 2	2	XII	5	12	19	I	2	9	9 1	16		2	9	16	23	l III		6	13 2	20	IV	4	11	18	25	5 1	1	В	15	2:	2	VI	6	13	20	VI	11 3	3	10	17	24	ourses				raining	789	aining	olleniman	Alluman	aper.						
study	7	14	21 2	28	5 X	12	19	26	2 XI	9	1 1	16 2	23 ;	30	7	14	2	1 2	8	4	11	18	25	1 II	8	1	5 2	22	1 	8	15	22	29	5	/ -	12	19 :	26	3 V	10	17	24	31	7	1	4	21	28	- 1	5 VII	12	19	26	2 3 VI	11 9	9 .	16	23	30	oretical Co		ninations		Talional T		he-Job Tr	- frating	Meanner	ification F	MANON	lays	_	ľ	Year of st	udy
	1	2	3	4	5	6	7	8	9	1	0 1	11	12	13	14	15	16	ŝ 1	7	18	19	20	21	22	23	3 2	4 2	25	26	27	28	29	30	31	1 3	32 3	33 :	34	35	36	37	38	39	40	4	1	42	43	3	44	45	46	47	48	3 4	9 4	50	51	52	The		Exa		Educ	1	ò	0	1	Qua	S S	HOH	Tota			
. 1									17		L									=	=	:::	::		Π	Ι	Τ	Т						18	8	Т	Т	$\top$						::	1		Х	Х	$\langle  $	Х	=	=	=	=	=	-Τ	=	=	=	35	i	4	Ÿ			3	Г	Т			10	52	2	1	
Ш	Х	Х	X.	Х	Д	Д	Д	Д	Д	Į	ı Z	Д,	Д	Д	Д	Д	Д	l l	1	Д		Ţ			Π	Τ									$\Box$			$\Box$																							Τ		Τ		-2	4			14			18	3	II	
																																																							То	tal				35	j	4		0		7	- (	)	14		10	70	)		
		L	ege	nd:				Th	eore	etic	al C	Cou	rse	s						Exa	min	atio	ns							į	=	Но	lida	ays				Х	On-	the-	Job	T	rair	ing				<	< (	Qua	alific	cati	ion	Exa	ami	nat	ion			Д	$\Box$	Qua	alifi	icati	on	Pa	per								

## III. Academic Curriculum

	III. Academic C	- arrican	****											
				St	udent's w	ork (hou	rs)	ects		Н	lours per	semeste	rs	
Nº	Subjects and Academic Activities		of final					Course Projects		1 Year	of study		2 Year	of study
			11101			ons		onrs	1 se	mester	2 se	mester	3 ser	mester
				<sub>ω</sub>	ŀ	sessions				17		18	l	
		<u> </u>		Credits		S E	>	pers	1				l	
		lina	p	ین		0078	stud	Ра	- WE	eeks	We	eks		
		Examinati	Graded Test	ECTS	Total	Classroom	Self-study	Term Papers,		Hours	a week	/ ECTS	credits	
	MANDATORY CO	OMPON	IENTS											
	manities and Socio-Economic Subjects (210 / 7,0)	1				,				,				
1.1	Philosophical Problems of Scientific Cognition		1g	3,5	105	34	71		2	3,5				
1.2	Business Foreign Language	2	<u> </u>	3,5	105	36	69				2	3,5		
	TS Credits for cycle 1:		1	7,0	210	70	140			3,5		3,5	لـــــا	
	ofessional and Practical Training (1770 / 59,0)													
2.1. 1	Professionally Oriented Subjects (825 / 27,5)													
2.1.1	Methodology of Applied Research in the Field of Building and Civil Engineering		1g	3,5	105	34	71		2	3,5				
2.1.2	Methods of Modelling and Analisys of the Systems and Processes in Civil Engineering	1		3,5	105	34	71		2	3,5				
2.1.3	Applied Theory of Risks	1		3,5	105	34	71		2	3,5				
2.1.4	Computer Technologies for Structural Design of Airport Buildings and Structures		1g	4,0	120	34	<b>8</b> 6	CP-1	2	4,0				
2.1.5	Foundation Engineering (Special Course)	2		6,0	180	54	126				3	6,0		
2.1.6	Computer Technologies for Numerical Modelling of Building Constructions	2		7,0	210	72	138	TP-2			4	7,0		
2.2. F	ractical Subjects (315 / 10,5)		_											
2.2.1	On-the-job Trainings													
2.2.1.1	On-the-job Training in the Field of Building and Civil Engineering		2g	4,5	135		135				135	4,5		
2.2.1.2	Pre-diploma Practice		3g	6,0	180		180			-			180	6,0
2.3	Attestation of Higher Education Seekers (630 / 21,0)						l		<u> </u>		1			
2.3.1	Qualification Paper	T		21,0	630		630						630	21,0
	TS Credits for cycle 2:	<del>                                     </del>		59,0	- 000		000			14,5		17,5	000	27,0
	SELECTIVE CO	MPON	ENTS	00,0	I		l.			1-1,0		11,0		27,0
3. Su	bjects Selected by Students (720 / 24,0)													
3.1	Subject 1		1g	4,0	120	34	86		2	4.0				
3.2	Subject 2	1	1g	4,0	120	34	86		2	4.0				
3.3	Subject 3		1g	4,0	120	34	86		2	4,0			$\overline{}$	
3.4	Subject 4	$\vdash$	2g	4,0	120	36	84			1-	2	4,0		
3.5	Subject 5		2g	4,0	120	36	84			1	2	4,0		
3.6	Subject 6		2g	4,0	120	36	84				2	4,0		i
Total EC	S Credits for cycle 3:			24,0	Ì					12,0	İ	12,0		
	Total Hours			<u> </u>	2700	542	2158		16		15			·
_	Total ECTS Credits			90,0						30,0		33,0		27,0
Number	Examinations	5		Ì	ĺ				2		3			
lum	Graded Tests		11						6		4		1	
2	Term Papers							1			1			
	Course Projects	1						1	1	1				

Chairman of the Student Council of the Faculty of Architecture, Civil Engineering and Design

K. Anikanova

**APPROVED** 

**Aviation University** 

Minutes № <u>4</u> of <u>~1.04.</u> 2021

by the Academic Council of National

Dean of the Faculty of Architecture, Civil Engineering and Design

Guarantor of the Educational and Professional Program

Head of the Graduate Department

