AGREED

Research and Methodological Council

Minutes № _____ of _____ 2021

Head of Research and Methodological Council

Vice-Rector for Academics

A. Polukhin

AGREED

Head c	of Acaden	nics Department
9	yseop?=	O. Holubnychyi
"20"	04	2021

Total ECTS Credits for cycle 2:

Total ECTS Credits for mandatory components:

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Aviation University

CURRICULUM

EDUCATION SEEKERS TRAINING

Nº CB - 5 - 192 - 1 / 21

19

192

Academic Degree:

Educational qualification:

Field of study:

Mode of study:

Training period:

Specialty:

Educational and Professional Program: Industrial and civil engineering Bachelor Architecture and construction Building and civil engineering **Bachelor in Building and Civil Engineering** Full-time 3 years 10 months

On the basis of complete secondary education

													On th	ie bas	SIS O	r com	plet	e sec	ond	ary e	ducati	on	
		I. S	chedule	of Acade	emic Pr	ocess											п.				of hour	s	
						_				_									(III W	veeks)			
	September 29 October 27 November December 29 January 26 Februi	ary 23	Marc	ch 30	Api	ril 21	7	May	Ju	he	29	July	21		August								
Year 1 of	8 15 22 IX 6 13 20 X 3 10 17 24 1 8 15 22 XII 5 12 19 I 2 9	16 II	2 9	16 23 III	6 13	3 20 1	4 1	1 18 25	5 1 8	15 23	2 11	6 13	20 VI	2	9 16	23	nisel		Bunne	Bining	Shirts -		Year
study	6 2 4 t	1		5		3					5		1				Cont Co	ations	T Inno	Job Tr on of	in Se		of study
7	14 21 28 X 12 19 26 XI 9 16 23 30 7 14 21 28 I 11 18 25 II 8 15 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	22 III 25 28	8 15 27 28	22 29 1	12 19	26 V	10 1	7 24 31	40 41	21 20	3 44	12 19	26 VI	II 8 3 49	15 22	31	heoret	xamo	ducate	n-the-	ducate oliday:	18	
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10			17					33	×	× =	=	= =	= =	=		=	34	4		2	12	52	.111
IV	17		14				2.2	х х д	д д	д							31	3	2	2 4	2	42	IV
													L	To	otal		133	15	2	6 4	38	198	-
	LEGEND Academic Classes = Holidays ::: Examina	tions		O Ed	ucational "	Training		X On	-the-Job Tra	ining		Attes	station o	f Higher	Educat	tion See	ekers		ДQ	Jualifica	tion Pape	r	
																			> At	Itestatio	n Examin	ation	
			111	. Acadei	nic Cu	rriculur	m																
						Student's v		(e)	Hours per semesters											٦			
		Mode of	final control		`	wi wi		а) Г	1. Ve	ar of stu	udu.		2 Yearo	_	s per ac		, Year of	etudu				4	
Ng	Subjects and Academic Activities					ssion		载	1 semester		emester	3 sem	r		te e				-		Year of st		_
		ation	Test	redits		E TO	Ň	pers.	17	2.5	17	1		4 semes	lei	5 semes 17	ster	6 seme: 17		7 semes 17		semester	
		uma	pape	TS Cre	7	SSroc	l-study	rm Pape	weeks		weeks	wee		weeks	_	weeks weeks				week	s	weeks	_
		Ĕ	Gra	С. Ш	Tol	e o	Se	Ter Col						Hours a v	veek / E	ECTS cr	edits						_
	Man and Desis Fernands Outlines (F40 ((T2))		MANDA'	TORY CO	OMPON	IENTS																	\neg
	umanities and Socio-Economic Subjects (510 / 17,0)				1	1			, , , , , , , , , , , , , , , , , , ,			· · ·					,						
1.1	History of Ukrainian Statehood and Culture	2		3.0	90	34	56			2	3.0												
1.2	Business Ukrainian Language	1		3.0	90	34	56		2 3.	D													
1.3	Professional Foreign Language	2	1g	4.5	135	68	67		2 2.) 2	2.5												
1.4	Philosophy	3		3.5	105	51	54					3	3.5										1
1.5	Physical Training and Self-improvement		1g	3.0	90	34	56		2 3.0	5	-						-					+	1
	Total ECTS Credits for cycle 1:			17.0					8.0)	5.5		3.5	().0				-			+	-
2. P	rofessional and Practical Training (4890/ 163,0)																						1
	Professionally Oriented Subjects (4350 / 145,0)																						1
2.1.1	Higher Mathematics	1	2g,3g	17.0	510	255	255		5 6.	5 5	_	5	5.5										
2.1.2	Physics	2	1g	6.0	180	85	95		3 3.0		3.0												
2.1.3			1g	3.5	105	51	54		3 3.	_												\downarrow	_
2.1.4	Informatics (General Course)	1	0	6.0	180	85	95	<u> </u>	5 6.	-												_	_
2.1.5	Theoretical Mechanics (Statics)		2g	4.5 5.0	135 150	68 68	67 82			4	1												_
2.1.7	Introduction to Civil Engineering		2g 1g,2g	7.0	210	102	108		3 3.													—	-
2.1.8	Urban Planning and Transport	3	19,29	4.5	135	68	67	TP-3	. 3	5 3	3.5	4	4.5									+	-
2.1.9	Mechanics of Materials	3		4.5	135	68	67					4										+	-
2.1.10	Structural Mechanics	-	4g	5.0	150	68	82							4 5	5.0								-
	Engineering Geodesy (General Course)	4		3.5	105	51	54								3.5			-					-
_	Architecture of Buildings and Structures	5		5.0	150	68	82	TP-5			_					4 5	5.0					-	1
	Engineering Geology	6		5.0	150	68	82											4	5.0				1
	Building Technical Equipment		5g	3.5	105	51	54									3 3	3.5						
2.1.15	Construction Technology	6		5.0	150	68	82											4					
	Fluid Mechanics		6g	4.0	120	51	69			_	_							3 4	4.0				
	Heat-Gas Supply and Ventilation	7		3.5	105	51	54														3.5		_
	Water Supply and Drain	7		3.5 4.5	105 135	51 68	54 67	TP-7		_											3.5 4.5	+	_
	Fundamentals of Labor Protection	/	7g	3.0	90	34	56	18-7			_										4.5 3.0		-
	Organization of Construction	8	' y	5.0	150	70	80	CP-8														5.0	-
	Mechanics of Materials (Special Course) and Fundamentals of Plasticity and											<u> </u>							+	-+			Η
2.1.22	Elasticity Theory	4		5.5	165	68	97	CP-4						4 5	i.5								
2.1.23	Civil Engineering Materials	4		5.0	150	68	82				_			4 5	5.0				+	\rightarrow		+	-
	Production Base of Civil Engineering	5		5.0	150	68	82									4 5	5.0	+				+	1
2.1.25	Metal Structures	6		5.0	150	68	82	CP-6							+			4 !	5.0	-			1
2.1.26	Structural Mechanics (Special Course)	5		4.5	135	68	67									4 4	.5					+	1
	Erection and Assembling of Structures		7g	3.5	105	51	54													3 (3.5		1
	Construction Economics		8g	4.0	120	56	64														4	4.0)
	Foundation Engineering	8		4.0	120	56	64														4	4.0)
	Practical Subjects (360 / 12,0)		I						· · ·	_													
	Educational Trainings								_														
	Professional Introductory Training in Industrial and Civil Engineering		2g	3.0	90		90			90	3.0								\square			\downarrow	_
2.2.2	On-the-Job training Geodetic Practice for Industrial and Civil Engineering		4				00			_	_							_	\rightarrow	\rightarrow			_
	Technological Training for Industrial and Civil Engineering		4g	3.0 3.0	90 90		90 90							90 3	5.U			00	20				-
	Major-related Training for Industrial and Civil Engineering		6g 8g	3.0	90		90	<u> </u>				<u>├</u>						90 :	5.U	-+) 3.0	-
	Attestation of Higher Education Seekers (180 / 6,0)	L	~9	0.0		L		L	I.		1										90	1 3.0	4
	Qualification Paper			6.0	180		180														18	0 6.0	7
	Total ECTS Credits for cycle 2:			163.0			_		22.	0	24.5		14.5	2	2.0	1	8.0	2	2.0		8.0	22.0	

163.0

180.0

22.0

30.0

24.5

30.0

14.5

18.0

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18.0

22.0

22.0

18.0

18.0

22.0

22.0

(Φ 03.02-43)

Rector

M. Lutskyi

Nº 246/9 as of 29.04. 2021

> CBITH ABIALIA

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Put into effect by Order of the Rector

			SELEC	TIVE CO	MPONI	ENTS																		
3. 5	Subjects Selected by Students (1800 / 60,0)																						<u> </u>	
3.1	Subject 1		3g	4.0	120	51	69		Т				3	4.0										
3.2	Subject 2		3g	4.0	120	51	69		1				3	4.0										
3.3	Subject 3		3g	4.0	120	51	69		1	+		<u> </u>	3	4.0										
3.4	Subject 4		4g	4.0	120	51	69		1	-	1				3	4.0								
3.5	Subject 5		4g	4.0	120	51	69								3	4.0		-						
3.6	Subject 6		5g	4.0	120	51	69		1			<u> </u>					3	4.0						
3.7	Subject 7	<u> </u>	5g	4.0	120	51	69		1	1	1						3	4.0						
3.8	Subject 8		5g	4.0	120	51	69				1				-		3	4.0			<u> </u>			
3.9	Subject 9		6g	4.0	120	51	69										-		3	4.0				
3.10	Subject 10	1	- 6g	4.0	120	51	69		<u> </u>		-								3	4.0	<u> </u>			
3.11	Subject 11	1	7g	4.0	120	51	69														3	4.0		
3.12	Subject 12		7g	4.0	120	51	69		<u> </u>					1							3	4.0		
3.13	Subject 13	1	7g	4.0	120	51	69	_												-	3	4.0		
3.14	Subject 14		8g	4.0	120	56	64				<u> </u>											1.0	4	4.0
3.15	Subject 15		8g	4.0	120	56	64																4	4.0
	Total ECTS Credits for cycle 3:		†	60.0		_		_		0.0		0.0		12.0		8.0		12.0		8.0		12.0		8.0
	Total Hours	1			7200	3048	4152		25		22		25		21		24		21		24		21	
L.	Total ECTS Credits			240.0						30.0		30.0		30.0		30.0		30.0		30.0		30.0		30.0
Number	Examinations	23							3		3		3		3		3		3		3		2	
Nun	Graded Tests		35						5		5		4		4		4		4		5		4	
-	Term Papers							3	<u> </u>				1				1				1	<u> </u>		
	Course Projects	<u> </u>			1			3	<u> </u>						1				1				1	

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

K. Anikanova

V. Karpov

Dean of the Faculty of Architecture, Civil Engineering and Design

Guarantor of the Educational and Professional Program

Head of the Graduate Department of Computer Construction Technologies

N. Kostyra

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APPROVED by the Academic Council of National Aviation University

Minutes № <u>4</u> of <u>21.09</u> 2021

O. Lapenko