

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
NATIONAL AVIATION UNIVERSITY



PROJECT OF THE  
EDUCATIONAL-PROFESSIONAL PROGRAM

“Psychology”

First level of higher education (bachelor level)

Program subject area: 053 “Psychology”

Field of study: 05 “Social and behavioral sciences”

Degree program: “Bachelor”

QMS NAU EPP 12.01.11 – 01 – 2020



Approved by the Academic Council  
Chairman of the Academic Council  
*V. Isaienko*  
(Protocol № 3 from 27.05.2020)  
Educational-professional program  
is put into effect by the order of the  
Rector  
Rector of the National Aviation  
University  
*V. Isaienko*  
(order № 177 from 28.05.2020)

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PREFACE

LETTER OF APPROVAL  
of educational-professional program

AGREED

By the Scientific-Methodical Council of  
the National Aviation University

protocol №      from "      "      2020

Vice Rector of the National Aviation  
University for Academic Work

Chairman of the SMC of the National  
Aviation University


  
Gudmanian A.G.

AGREED

By the Academic Council of the Faculty of  
Linguistics and Social Communications of  
the National Aviation University

Protocol №      from "      "      2020

Chairman of the Academic Council of the  
Faculty of Linguistics and Social  
Communications of the National Aviation  
University

  
Yahodzinskiy S.M.

AGREED

By the Department of Aviation  
Psychology

Protocol of the meeting № 3  
from " 10 " 03 2020

Head of the Department of Aviation  
Psychology

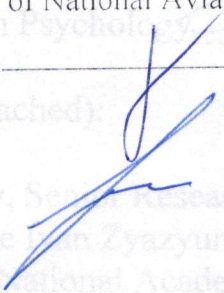
  
Pomytkina L.V.

AGREED

By the Scientific-Methodical-Editorial  
Council of the Faculty of Linguistics and  
Social Communications of National  
Aviation University

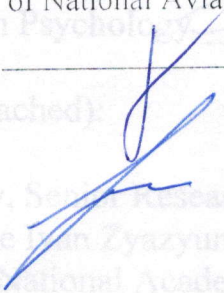
protocol № 4 from " 09 " 04 2020

Head of the SMEC of the Faculty of  
Linguistics and Social Communications  
of National Aviation University

  
Kokareva A.M.

External stakeholder support letter (attached):

Ignatovich O.M, Doctor of Psychology, Senior Research Fellow, Head of the  
Department of Labor Psychology of the Ivan Zyzun Institute of Pedagogical  
Education and Adult Education of the National Academy of Pedagogical Sciences  
of Ukraine

  
Babikova K.O.

Document level - 3b

The planned period between audits is 1 year

The copy for consideration - 2



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## PREFACE

Developed by a working group (program subject area 053 "Psychology")  
consisting of:

### WORKING GROUP LEADER:

YAKOVYTSKA LADA –

Doctor of Psychology, Associate Professor, Associate Professor of the Department  
of Aviation Psychology *Lada Yakovytska*

### MEMBERS OF THE WORKING GROUP:

POMYTKINA LIUBOV –

Doctor of Psychology, Professor, Head of the Department of Aviation Psychology  
*Liubov Pomytkina*

LYCH OKSANA -

Ph.D., Associate Professor, Associate Professor of the Department of Aviation  
Psychology *Oksana Lych*

PODKOPAIEVA YULIYA –

Ph.D., Associate Professor of the Department of Aviation Psychology *Yuliya Podkopaieva*

HORDIIENKO KATERYNA–

Lecturer of the Department of Aviation Psychology *Kateryna Hordiienko*

External stakeholder support letter (attached):

Ignatovich O.M, Doctor of Psychology, Senior Research Fellow, Head of the  
Department of Labor Psychology of the Ivan Zyazyun Institute of Pedagogical  
Education and Adult Education of the National Academy of Pedagogical Sciences  
of Ukraine

Document level - 3b

The planned period between audits is 1 year

**The copy for consideration - 2**



## 1. Profile of the educational-professional program

<b>Section 1. General information</b>		
1.1.	Full name of the educational institution and structural unit	National Aviation University Faculty of Linguistics and Social Communications Department of Aviation Psychology
1.2.	Degree of higher education and title of degree program in the original language	Educational degree "Bachelor" Degree program: Bachelor of Psychology
1.3.	Official name of the educational-professional program	Psychology
1.4.	Type of diploma and scope of educational-professional program	Bachelor's degree, 240 ECTS credits / 3 years 10 months of study
1.5.	Availability of accreditation	Accreditation Commission of the Ministry of Education and Science of Ukraine, certificate series ND-II № 1185106 dated 29.05.17.
1.6.	Cycle / level	FQ-EHEA - the first cycle, NRC - 7
1.7.	Prerequisites	Complete general secondary education, EIT certificate
1.8.	Language(s) of teaching	Ukrainian
1.9.	Validity of the educational-professional program	
1.10.	Internet address of permanent placement of the educational-professional program description	<a href="http://nau.edu.ua">http://nau.edu.ua</a> <a href="http://gmi2.nau.edu.ua">http://gmi2.nau.edu.ua</a>
<b>Section 2. The purpose of the educational-professional program</b>		
2.1.	The purpose of the educational-professional program is to carry out theoretical and practical training of highly qualified psychologists. To ensure the formation of competencies necessary for the implementation at a high level of various areas of professional activity and be competitive in today's labor market.	
<b>Section 3. Characteristics of the educational and professional program</b>		
3.1.	Subject area (field of	Field of knowledge: 05 Social and



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	knowledge, program subject area, specialization (if available)	behavioral sciences. Program subject area: 053 "Psychology"
3.2.	Orientation of the educational-professional program	The educational-professional program is based on well-known developments in the field of psychology, the results of scientific research, innovative approaches in the field of education, which allow graduates to have the competencies, necessary knowledge and skills for professional development.
3.3.	The main focus of the educational-professional program and specialization	General higher education field of knowledge: 05 "Social and behavioral sciences", program subject area: 053 "Psychology". Qualitative training of higher education applicants in the program subject area: 053 "Psychology" - is the training of psychologists who perform professional activities in areas with varying degrees of psychological stress in normal and special conditions. Key words: psychology, professional resource, psychological support of professional activity, psychotherapy, training technologies.
3.4.	Features of educational-professional program	The program provides for the study of various disciplines aimed at gaining knowledge of the human factor in the social and professional spheres.
<b>Section 4. Suitability of graduates for employment and further study</b>		
4.1	Suitability for employment	Graduates receive training for the professional realization of a psychologist in various fields. The acquired knowledge contributes to the professional realization of a psychologist in the Centers of Development and Psychological Assistance, in educational institutions, medical institutions, government agencies,



		psychological services of aviation companies, the Ministry of Emergencies, the Ministry of Internal Affairs, and organizations with special conditions.
4.2.	Further training	Continuation of education of higher education applicants to obtain a master's degree, which corresponds to the 8th level of the NRC of Ukraine.
<b>Section 5. Teaching and assessment</b>		
5.1.	Teaching and learning	Student - centered learning, lectures, practical and laboratory classes, independent work, consultations with teachers, defense of term papers, internships, certification exam, preparation of qualifying work.
	Assessment	Written examinations, defense of term papers, results of internships, attestation exam, preparation of qualifying work.
<b>Section 6. Program competencies</b>		
6.1.	Integrated competencies (IC)	IC 1. Ability to solve complex specialized tasks and practical problems in the field of psychology, which involve the application of basic psychological theories and methods and are characterized by complexity and uncertainty of conditions.
6.2.	General Competences (GC)	GC1. Ability to use the state language in all spheres of public life, in particular in professional communication. GC2. Ability to apply knowledge in practical situations. GC3. Knowledge and understanding of the subject area and understanding of the professional activity of a psychologist in normal and special conditions. GC4. Skills of using information and communication technologies in the field of psychology.



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6.3	Professional competencies (PC)	<p>GC5. Ability to learn and master modern knowledge.</p> <p>GC6. Ability to be critical and self-critical.</p> <p>GC7. Ability to make informed decisions.</p> <p>GC8. Ability to generate new ideas (creativity).</p> <p>GC9. Skills of interpersonal interaction.</p> <p>GC10. Ability to work in a team.</p> <p>GC11. Ability to implement own rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.</p> <p>GC12. Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use different types and forms of physical activity for active recreation and a healthy lifestyle.</p>
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6.3 Professional competencies  
(PC)

- PC1. Ability to operate with a category-conceptual apparatus of psychology.
- PC2. Ability to retrospective analysis of domestic and foreign experience of understanding the nature of the origin, functioning and development of mental phenomena.
- PC3. Ability to understand the nature of behavior, activities and deeds in normal and special conditions.
- PC4. Ability to independently collect and critically process, analyze and summarize psychological information from various sources.
- PC 5. Ability to use valid and reliable psychodiagnostic tools.
- PC6. Ability to independently plan, organize and carry out psychological research.
- PC7. Ability to analyze and systematize the results obtained, formulate reasoned conclusions and recommendations.
- PC8. Ability to organize and provide psychological assistance (individual and group).
- PC 9. Ability to carry out educational and psychoprophylactic activities in accordance with the request.
- PC10. Ability to adhere to the rules of professional ethics.
- PC 11. Ability to personality and professional self-improvement, learning and self-development.

**Section 7. Program learning results**





7.1.	Program learning results (PLR)	<p><b>Knowledge and understanding</b></p> <p>PLR 1. To analyze and explain mental phenomena, identify psychological problems and suggest solutions.</p> <p>PLR2. To understand the patterns and features of the development and functioning of mental phenomena in the context of professional tasks in the field of psychology and professional activities carried out in special conditions.</p> <p>PLR3. To search for information from various sources, including using information and communication technologies to solve professional problems.</p> <p>PLR4. To substantiate one's own position, to draw independent conclusions based on the results of one's own research and analysis of literature sources.</p> <p>PLR5. To select and apply valid and reliable psychodiagnostic tools (tests, questionnaires, project methods, etc.) of psychological research and technologies of psychological assistance.</p> <p>PLR 6. To formulate the purpose, objectives of the study, to have the skills to collect primary material, follow the research procedure.</p> <p>PLR7. To reflect and critically evaluate the reliability of the obtained results of psychological research, to formulate reasoned conclusions.</p> <p>PLR8. To present the results of own research orally / in writing to specialists and non-specialists in the field of psychology.</p> <p>PLR9. To offer own ways of solving psychological tasks and problems in the process of professional activity, to make and argue own decisions on solution.</p>
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8.1.	Starting	<p>PLR10. To formulate an opinion logically, accessible, to discuss, defend one's position, modify utterances according to the cultural peculiarities of the interlocutor.</p> <p>PLR 11. To make and implement the plan of consultative process taking into account specificity of inquiry and individual features of the client, to provide efficiency of own actions.</p>
8.2.	Material and technical support	<p>PLR12. To compile and implement a program of psychoprophylactic and educational activities, psychological assistance activities in the form of lectures, talks, round tables, games, trainings, etc., in accordance with the requirements of the customer.</p>
8.3.	International and educational-methodical	<p>PLR13. To interact, communicate, to be understandable, tolerant of people with other cultural or gender differences.</p> <p>PLR14. To effectively perform various roles in the team in the process of solving professional tasks, including demonstrating leadership qualities.</p> <p>PLR 15. To be responsible for professional self-improvement, training and self-development.</p> <p>PLR 16. To know, understand and adhere to the ethical principles of professional activity of a psychologist.</p>
<b>Section 9.</b>		
9.1.	National credit mobility	<p>PLR 17. To demonstrate socially responsible and conscious behavior, to follow humanistic and democratic values in professional and public activities.</p>
9.2.	International credit mobility	<p>PLR18. To take effective measures to preserve health (one's own and others) and, if necessary, determine the content of the request for supervision.</p>

**Section 8. Resource support for program implementation**



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8.1.	Staffing	The implementation of the educational-professional program is carried out by scientific and pedagogical workers who have a scientific degree and/or academic title, are leading specialists in the relevant field, as well as have the necessary experience of scientific and pedagogical work.
8.2.	Material and technical support	At the National Aviation University, the Faculty of Linguistics and Social Communications, the Department of Aviation Psychology, conditions have been created to ensure a quality educational process. There are educational auditoriums, a specialized classroom (auditorium 1203) is provided by multimedia equipment.
8.3.	Informational and educational-methodical	The educational process is provided by: educational and methodical complexes, educational and working programs on disciplines, methodical recommendations, professional magazines, textbooks, manuals. Placement of articles, reports, educational and methodical complexes is carried out in the repository. Official information is posted on the website of the Faculty of Linguistics and Social Communications, the website of the National Aviation University.
<b>Section 9. Academic mobility</b>		
9.1.	National credit mobility	Based on bilateral agreements between NAU and other educational institutions of Ukraine.
9.2.	International credit mobility	Under the EU's Erasmus+ program, based on bilateral agreements between the National Aviation University and educational institutions of partner countries.
9.3	Training of foreign	Conditions have been created to ensure



MC 14	applicants for higher education	quality training of foreign applicants for higher education.
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## 2. The list of components of the educational-professional program and their logical sequence

### 2.1. List of components of the educational and professional program

Code	Components of the educational-professional program (academic disciplines, course projects (works), practices, qualification work)	Number of credits	Form of final control
1	2	3	4
<b>Mandatory components of EPP</b>			
<b>The cycle of humanitarian and socio-economic training</b>			
MC 1	History of Ukrainian statehood and culture	3,0	exam
MC 2	Business Ukrainian language	3,0	exam
MC 3	Philosophy of modern society	3,0	exam
MC 4	Professional foreign language	4,0	differentiated testing / exam
MC 5	Physical Education	3,0	differentiated testing
<b>Cycle of professional training</b>			
MC 6	Introduction to program subject area	4,5	exam
MC 7	Anatomy and evolution of the nervous system	4,5	exam
MC 8	Fundamentals of biology and human genetics	4,5	differentiated testing
MC 9	Information technology in psychology	6,0	differentiated testing
MC 10	General psychology	19,5	exam
MC 11	Workshop on general psychology	11,0	differentiated testing
MC 12	Age physiology and valeology	4,5	differentiated testing
MC 13	Zoopsychology and comparative psychology	4,5	exam



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MC 14	Fundamentals of cultural psychology	3,0	differentiated testing
MC 15	Mathematical statistics	4,5	exam
MC 16	History of psychology. Coursework	4,0	exam
MC 17	Mathematical methods in psychology	4,0	differentiated testing
MC 18	Philosophy of psychology	3,0	differentiated testing
MC 19	Psychophysiology	5,0	exam
MC 20	Experimental psychology. Coursework	6,0	differentiated testing
MC 21	Social psychology	3,5	differentiated testing
MC 22	Legal psychology	3,0	differentiated testing
MC 23	Differential psychology	4,5	exam
MC 24	Age and pedagogical psychology	6,5	exam
MC 26	Psychology of labor and rest. Coursework	5,0	exam
MC 27	Pathopsychology	3,5	exam
MC 28	Clinical psychology	3,5	exam
MC 29	Psychodiagnostics. Coursework	5,5	exam
MC 30	Fundamentals of psychological practice	4,5	differentiated testing
MC 31	Management psychology	3,5	exam
MC	Methods of psychological expertise in	3,5	exam



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33	various fields of psychology	3,0	exam
MC 34	Engineering and aviation psychology. Coursework	4,0	differentiated testing exam
MC 35	Psychological technologies of work with personnel	3,5	exam
MC 37	Basics of psychotherapy and post- stress rehabilitation	6,5	exam
<b>Cycle of practical training</b>			
MC 38	Professional introductory practice	3,0	differentiated testing
MC 39	Psychological practice	4,5	differentiated testing
MC 40	Certification exam	1,5	
MC 41	Qualification work	6,0	work protection
<b>The total amount of mandatory components:</b>		<b>180</b>	<b>credits</b>
<b>Selective components of EPP</b>			
SC 1	Foreign language of professional direction	4,0	differentiated testing
SC 2	Foreign language of program subject area	4,0	differentiated testing
SC 3	Foreign language of business communication	4,0	differentiated testing
SC 4	Sociological methods in psychology	3,5	exam
SC 5	Psychological support of sociological research	3,5	exam
SC 6	Socio-psychological research	3,5	exam
SC 7	Fundamentals of aviation psychology	4,0	differentiated testing
SC 8	Fundamentals of flight safety	4,0	differentiated testing
SC 9	Fundamentals of flight operation of aircraft	4,0	differentiated testing
SC 10	Psychology of aviation sports	4,5	differentiated testing
SC 11	Psychophysiology of stress	4,5	differentiated testing
SC 12	Psychological support of effective activity	4,5	differentiated testing
SC 13	Family psychology	3,0	exam
SC 14	Fundamentals of family psychology	3,0	exam



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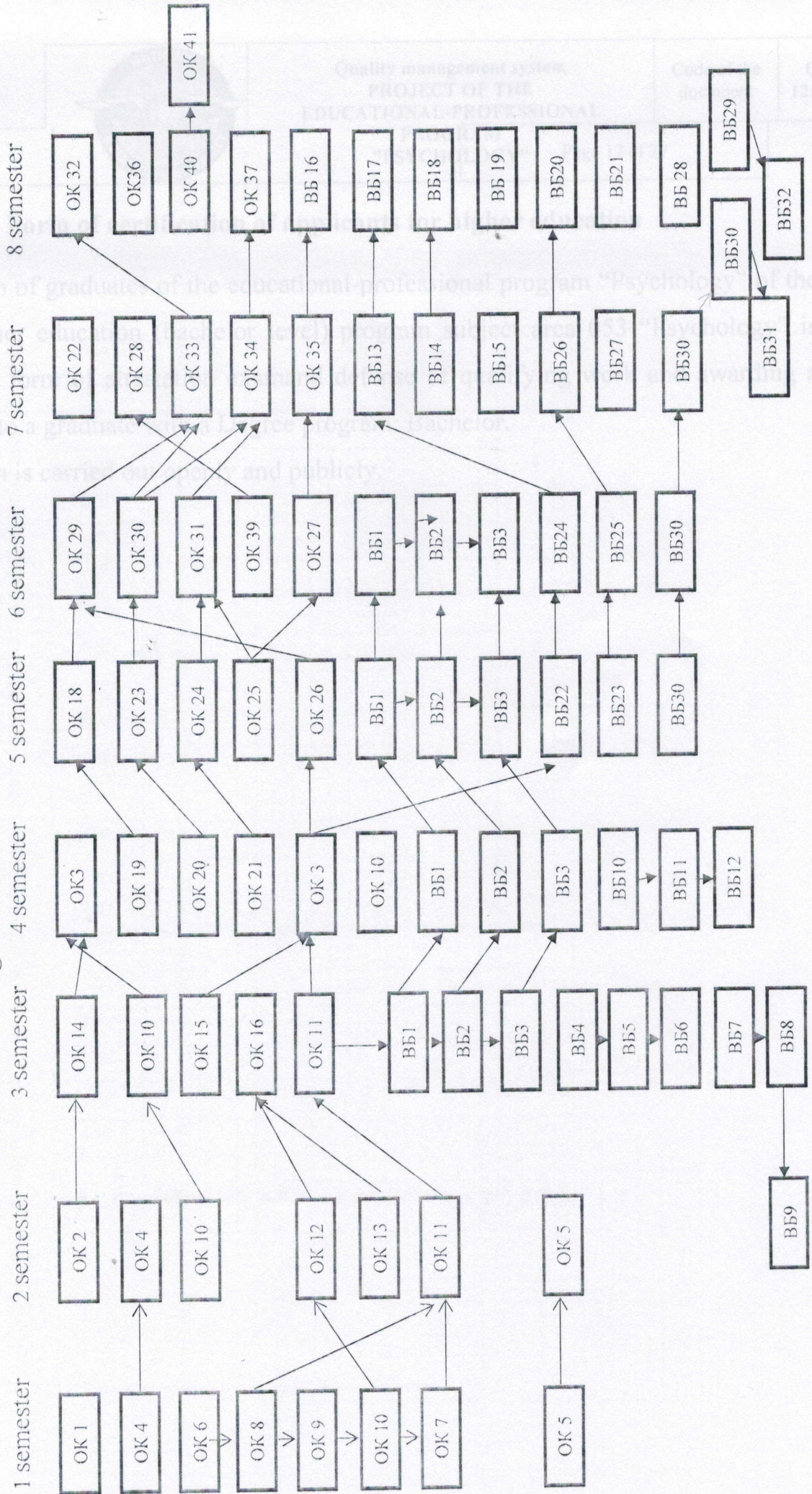
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SC 15	Psychology of family relations	3,0	exam
SC 16	Fundamentals of the theory of ergatic systems	4,5	differentiated testing
SC 17	Psychology of ergatic systems	4,5	differentiated testing
SC 18	Psychological principles of ergatic systems	4,5	differentiated testing
SC 19	Applied psychological research	4,0	differentiated testing
SC 20	Fundamentals of psychometrics	4,0	differentiated testing
SC 21	Organization and conduct of psychological research	4,0	differentiated testing
SC 22	Aviation information display systems	3,5	differentiated testing
SC 23	Engineering and psychological expertise in design activities	3,5	differentiated testing
SC 24	Fundamentals of labor protection	3,5	differentiated testing
SC 25	Psychological problems of communication in professional teams and crews	3,0	differentiated testing
SC 26	Actual problems of cognitive psychology	4,0	differentiated testing
SC 27	Psychological bases of professional health of aviation workers	3,5	differentiated testing
SC 28	Application of training technologies in correctional work	4,0	exam
SC 29	Psychology of extreme and crisis situations	7,0	exam
SC 30	Aviation ergonomics and organization of flight work	3,5	differentiated testing
SC 31	Psychology of professional risk	4,0	exam
SC 32	The military training	29,0	differentiated testing /exam
<b>Total selective components:</b>			<b>60 credits</b>
<b>Total amount of educational and professional program:</b>			<b>240 credits</b>



## 2.2. Structural and logicals scheme of the educational-professional program







### 3. Form of certification of applicants for higher education

Certification of graduates of the educational-professional program "Psychology" of the first level of higher education (bachelor level) program subject area 053 "Psychology" is carried out in the form of attestation exam and defense of qualifying work and awarding a bachelor's degree to a graduate with a Degree program: Bachelor.

Certification is carried out openly and publicly.

4. Matrix of correspondence of program competences to components of the educational-professional program "Psychology"

Table with grid structure for matrix of correspondence of program competences to components of the educational-professional program "Psychology". The table is mostly blank with some faint text visible in the header area.







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4.2. Matrix of correspondence of program competences to components of the educational program (optional components)

Components Competences	BP 1	BP 2	BP 3	BP 4	BP 5	BP 6	BP 7	BP 8	BP 9	BP 10	BP 11	BP 12	BP 13	BP 14	BP 15	BP 16
3K1				+	+								+			
3K2				+	+								+			+
3K3					+								+			+
3K4				+												
3K5				+	+								+			+
3K6				+	+								+			+
3K7				+	+								+			+
3K8				+												
3K9																
3K10													+			
3K11				+									+			+
3K12				+									+			+
ΦK1					+								+			+
ΦK2					+											
ΦK3													+			
ΦK4					+								+			
ΦK5													+			
ΦK6					+								+			+
ΦK7					+								+			+
ΦK8					+								+			+
ΦK9																+
ΦK10																+
ΦK11																+
Components	BP 17	BP 18	BP 19	BP 20	BP 21	BP 22	BP 23	BP 24	BP 25	BP 26	BP 27	BP 28	BP 29	BP 30	BP 31	BP 32
Competences		+						+		+					+	














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Components				
Program learning results				
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ИПН 2				
ИПН 3				
ИПН 4				
ИПН 5				
ИПН 6				
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