

**Ministry of Education and Science of Ukraine  
National Technical University of Ukraine  
“Igor Sikorsky Kyiv Polytechnic Institute”**

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APPROVE

Chairman of the Academic Council  
of the Faculty of Sociology and Law

\_\_\_\_\_ Yana Tsymbalenko

“\_\_” \_\_\_\_\_ 2021

**ADDITIONAL ENTRANCE EXAM PROGRAM  
of the third (educational and scientific) level of higher education  
for the degree of Doctor of Philosophy**

FIELD OF KNOWLEDGE      05 Social and Behavioral Sciences

SPECIALTY                      053 Psychology

Approved by the Academic Council  
of the Faculty of Sociology and Law  
(protocol of “\_\_” \_\_\_\_\_ 2021 №\_\_)

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## CONTENT OF THE PROGRAM

### SECTION 1. PSYCHOLOGY OF SOCIAL PHENOMENA

#### Topic 1. Psychological culture of modern society.

Morality as the basis of society. Hard work as a system-creating quality of personality. Professional self-awareness of a psychologist.

#### Topic 2. Socio-psychological prerequisites of modernization and innovation.

Psychological factors of modernization. Psychological components of innovation spheres. Barriers to innovation. The creative potential of society. Psychology of innovation activity.

#### Topic 3. Psychology of trust and distrust in various fields of human life.

Understanding the phenomena of trust and distrust. Socio-psychological functions trust and distrust. Trust as a component of psychological distance. Psychology trust in the organization. Confidence and security of the individual.

#### Topic 4. Psychology of intergroup relations.

History of the issue: ethnocentrism, social identity, intergroup hostility. Theories of social identity (H. Tajfel and J. Turner). Processes of intergroup differentiation and integration.

#### Topic 5. Psychology of mass mental phenomena.

Psychological phenomena in large social groups. Crowd psychology: features, typology and selection criteria. Psychology of rumors and panic.

#### Topic 6. Psychological manifestations of social inequality.

Psychological theories of justice. Consequences of injustice and excessive inequality. Ways to reduce inequality and injustice.

#### Topic 7. Psychological factors of corruption.

Corruption as a psychological problem. Obstacles in the fight against corruption. Possibilities of psychological science and practice in combating corruption.

#### Topic 8. Socio-psychological aspects of terrorism.

Psychological approaches to the study of terrorism. Intra-group processes in terrorist organizations. Role structure and secondary socialization in terror groups. Mechanisms of self-justification of a terrorist attack.

Topic 9. Psychology of conflict: theoretical and applied aspects.

Conflict research: main provisions, functions, definitions and typology. Conflicts in organizations. Conflict management or conflict resolution. Mediation in conflict interaction.

Topic 10. Aggression as a psychological problem.

Theories of aggression. Increasing acts of aggression. Causes of aggressive behavior. Effective ways to reduce aggression.

Topic 11. Psychology of lies and deception.

Manipulation and fraud. Tactics of interpersonal influence. Communicative resources of personality adaptation to the victim of deception. Possibilities and limitations of subthreshold influence on the human psyche.

Topic 12. The social psychology of art.

Art as a socio-psychological phenomenon. Features of group artistic activity. Socio-psychological influence of art: catharsis and anticatharsis; functions and dysfunctions.

Topic 13. Sport as a socio-psychological phenomenon.

Psychology of rivalry, behavioral attitudes, spectacles. The competitive activity of the athlete. Competition as a process: subjective and objective situations, reactions and consequences. Psychological, social and pedagogical effect of sports achievement.

## **SECTION 2. SEMANTIC REGULATION OF ACTIVITY**

Topic 1. The problem of meaning in the context of the history of world psychological thought.

Basic approaches to historical and psychological research. Positivism. Three stages of development of psychology: pre-scientific, philosophical, scientific. Cultural approach. Action theory. Act as a logical and historical-psychological center of psychology. The logical structure of the action: situation, motivation, action, aftereffect. Meaning as a phenomenon of the aftereffect. The historical and psychological structure of the act. The emphasis on the situation (mythological

period, antiquity, the Middle Ages). Emphasis on motivation (Renaissance, Baroque, Enlightenment). Emphasis on the action (scientism). Emphasis on aftereffect. Canonical psychology.

### Topic 2. The problem of meaning in the understanding of the leading scientific schools of the XX century.

Meaning in the introspective tradition. Consciousness as a subjective side of the experience. Actualism as a leveling of metaphysical foundations of meaning. Meaning in the phenomenological tradition. The intentionality of consciousness as its semantic orientation to the subject. The Psychoanalytic tradition. Libido as a source of meaning. Analytical psychology. Libido as the energy equivalent of value. Individual psychology: the teleological nature of meaning. The Behaviorist Theory of Meaning. The value of reinforcement. Cognitivism: meaning as a regulator of information.

### Topic 3. The methodology of scientific knowledge and the problem of meaning.

Scientific method in the broadest sense of the word. The scientific method of cognition, its components: methodology, techniques, methods in the narrow sense. Philosophical and technical methodology. Variability of methodology. Leading methodological constructs of the twentieth century.: psychoanalytic, dialectical, structural, phenomenological, existential, ontological. General methods of psychological research. Classification of methods. Leading methods of two meta-traditions of modern psychology: experimental and clinically oriented.

### Topic 4. Divergence of professional consciousness in the psychological scientific community.

"Science" and "practice" as the main generalized areas of activity of a psychologist. Differences of views on space, time, objectivity, probability, etc. in two "professional worlds". Philosophical and methodological roots of differences. The problem of demarcation of scientific knowledge. True science and scientific ideology as sources of division. The personal significance of scientific knowledge. Methodological pluralism. Multiparadigmality of humanitarian knowledge.

### Topic 5. Value-semantic sphere of personality: basic approaches.

Value-semantic sphere of personality as a hierarchy of value orientations. Value-semantic sphere of personality as a set of personal meanings. The experience of existential action as an analog of the value-semantic sphere of personality. Differences in the determination of value-semantic phenomena.

Topic 6. Activity approach to the value-semantic sphere. Personal meaning.

Activity approach in the classical version (O.M. Leontiev). Disagreements with the subject-activity approach (S. Rubinstein). Consciousness and personality as derivatives of activity. The structure of activity according to O. Leontiev. Activity - action - operation. Motive - goal - conditions. Personal meaning as the relation of motive to the purpose of action (or conditions).

Topic 7. Activity approach to the value-semantic sphere. Semantic structures.

Development of the concept of personal meaning in the post-Leontief period. Semantic structures: semantic setting, motive, semantic disposition, semantic construct, personal values and needs. The meaning of life as an integral semantic orientation. The dynamic semantic system as a principle of organization and the basic unit of the sphere of personality values and senses.

Topic 8. Aspects of meaning in the modern version of the activity approach.

Ontological, phenomenological and activity plans for understanding meaning. Meaning as an integrative basis of personality. Meaning as a structural element of consciousness. Meaning as a structural element of the activity. Ontological aspect: meaning in the system of life relations. Phenomenological - meaning in the structure of consciousness. Activity - meaning in the structure of the activity. Ways and mechanisms of meaning generation.

Topic 9. Dynamics and transformation of semantic systems and structures.

Intrapersonal dynamics of semantic processes: meaning formation, meaning awareness, meaning structure. Phylogenesis and ontogenesis of semantic regulation. Ontogenetic mechanisms development of the semantic sphere.

Topic 10. Individual features of semantic regulation.

Differential psychology of semantic regulation. Individual features. The main constructs: teleological - causality, the general level of meaningfulness of life, the ratio of value and demand regulation, the structural organization of semantic systems, the degree of its awareness, the temporal localization of semantic landmarks.

Topic 11. Pathology of semantic regulation.

Semantic regulation in pathological processes: alcoholism, schizophrenia, epilepsy, neurosis, psychopathy, aphasia, senile involution, somatic diseases, crises, PTSD.

The loss of meaning. Violation of semantic regulation in deviant personality development.

Topic 12. Interpersonal forms of meanings.

Collective mentality and general meanings. Aspects of semantic communication. Group meaning-making contexts. Meaning and significance. Semantic coordination. Transformation of meanings in joint activities. Directed translation of meanings.

Topic 13. The idea of activity mediation of the individual and the team.

System-structural approach to personality in Soviet psychology. Personality as a systemic quality. Individual, personality, individuality, subject. A vertex and expansive approach to personality. Personality as a social individual, or social in the individual. Stratometric concept in social psychology.

Topic 14. The meaning and motivation of organizational activities.

Problems of organizational mediation of motivation of behavior and activity. Polymotivation of organizational activity. Sphere of utilitarian motivation. The motivation of labor functions. The motivation of creative actualization. The motivation for achievements, careers, rewards. The sphere of institutional motivation, its orientation, socio-psychological mechanisms. Sphere of the motivation of organizational mentality. Affiliation motivation. The motivation of prestige. Organizational activity as a motivating factor in the realization of the meaning of life.

Topic 15. The idea of subjective mediation of activity and life.

Subject-activity approach, its humanistic orientation. The concept of the subject. The subject of activity and the subject of a life. Subjective mediation of activity, consciousness and contemplation. Personality theory in a subjective approach. Activity as an amateur. The principle of creative amateurism. The relationship between man and the world.

Topic 16. The existential approach to the value-semantic sphere of personality.

The experience of existential action as an analog of the value-semantic sphere of personality. Level model of the value-semantic sphere of personality. The level of deep universality. The level of primary collectivity. Level of individuality. The level of secondary collectivity. Level of vertex universality. Subject axis. The genesis of value phenomena.

## RECOMMENDED LITERATURE

### BASIC

1. Andreeva, G. M. Social'naya psihologiya : ucheb. dlya vuzov / G. M. Andreeva. – izd. 5-e, ispr. i dop. – M.: Aspekt Press, 2010. – 363 s.
2. Berkovic L. Agressiya. Prichiny, posledstviya, kontrol' : per. s angl. / Leonard Berkovic; Per. A. Borichev, L. Caruk, L. Ordanovskaya. – SPb. : PrajmEVROZNAK; M. : Olma-press, 2002. – 512 s.
3. ZHuravlev A.L. Social'no-psihologicheskie posledstviya neravenstva dohodov / A.L. ZHuravlev, A.V. YUrevich // Voprosy psihologii, 2013, № 4. S.45-57.
4. Kuprejchenko A.B. Psihologiya doveriya i nedoveriya. / A.B. Kuprejchenko; – M.: IP RAN, 2008. – 571 s.
5. Lozhkin H. V. Psykholohiia konfliktu: teoriia i suchasna praktyka: Navchalnyi posibnyk /Lozhkin H. V., Poviakel N. I. – K.: Profesional, 2007. – 416 s.
6. Lozhkin H.V. Psykholohiia sportu. / H.V. Lozhkyn; – K.: Osvita Ukrainy, 2012. – 487 s.
7. Lozhkin H.V. Psykholohiia pratsi. / H.V. Lozhkin, N. Yu. Volianiuk, O.O. Soltyk; – Khmelnytskyi: KhNU, 2013. – 191 s.
8. Psykholohiia npravstvennosty / Otv. red. A. L. Zhuravlev, A. V. Yurevych; – M. : YP RAN, 2010. – 508 s.
9. Reshetnykov M.M. Psykholohiia korruptsyy: utopyia y antyutopiia / M.M. Reshetnykov; – SPb.: Vostochno-Evropayskiy ynstitut psykhoanalyza, 2008. – 128 s.
10. Semenov V.E. Sotsyalnaia psykholohiia yskusstva kak novaia nauchnaia otrasl / V.E. Semenov // Zhurnal sotsyolohyy y sotsyalnoi antropolohyy. - 2002. - T.5, № 2.
11. Sotsialna psykholohiia : navch. posibn. / Volianiuk N. Yu., Lozhkin H. V., Vynoslavskaya O. V., Blokhina I. O., Kononets M. O., Moskalenko O. V., Bokovets O. I., Andriitsev B. V. Kyiv, 2019. 254 s.
12. Tarabryna N.V. Terrorystycheskaia uhroza / N.V. Tarabryna, Yu.V. Bykhovets; - M.: YP RAN, 2014. – 154 s. Psykholohycheskoe zdorove lychnosty y dukhovno-npravstvennyye problemy sovremennoho obshchestva. M.: YP RAN, 2014. – 318 s.
13. Эkman P. Psykholohiia lzhy. Obmany menia, esly mozhesh / P. Эkman; SPb: Pyter, 2003.



## COMPLEMENTARY

1. Adorno T. V. Problemy filosofii morali : per. s nem. M. L. Hor'kova / Adorno T. V.; – M. : Respublika, 2000. – 239 s.
2. Ajlamaz'yan A.M. O mekhanizmah muzykal'nogo perezhivaniya: opyt muzykal'nogo dvizheniya / A.M. Ajlamaz'yan // Voprosy psihologii, 2013, № 5. S.35-44.
3. Alikina N. V. Principy diagnostiki agressivnogo povedeniya / N. V. Alikina; – M.: 2002. – 140 s.
4. Andreeva G.M. Psihologiya social'nogo poznaniya / Andreeva G.M.; – M.: Aspekt press, 1997.
5. Beron R. Agressiya / R. Beron, D. Richardson; – SPb.: 1997. – 336s.
6. Vannovskaya O.V. Metodologicheskie problemy issledovaniya antikorrupcionnoj ustojchivosti gossluzhashchih / O.V. Vannovskaya // Akmeologiya 2005. Teoreticheskie i prikladnye problemy. Sbornik statej / Sost.: YU.A. SHaranov. – SPb.: SPbAA, 2005.
7. Vynoslavska O. V. Tekhnolohiia formuvannia profesiinoi etyky menedzheriv / O. V. Vynoslavska // Tekhnolohii roboty orhanizatsiinykh psykholohiv: [navch. posibnyk dlia aspirantiv VNZ ta slukhachiv in-tiv pislidyplomnoi osvity] / za nauk. red. L. M. Karamushky. – K. : INKOS, 2005. – S. 170–191.
8. Volyanyuk N.YU. Vneshnie i vnutrennie predposylki formirovaniya cinichnosti v pedagogicheskoy professii / N.YU. Volyanyuk // Lichnost' professionala v sovremennom mire. M.: Izd-vo. IP RAN, 2013. – S. 776-786.
9. Volyanyuk N.YU. Integrativnye processy regulyacii deyatel'nosti / N.YU. Volyanyuk, G.V. Lozhkin// Vesnik NTUU «KPI» Filosofiya. Psihologiya. Pedagogika, 2015, № 3.
10. Holovko L. Napriamy podolannia bidnosti v konteksti zavdan minimizatsii naslidkiv svitovoi finansovoi kryzy v Ukraini / L. Holovko, V. Zhakhovska, O. Tsisetskyi // Ukrainska nauka: mynule, suchasne, maibutnie: Shchorichnyk. – Vypusk 14-15 / Za zah. red. M.V.Lazarovycha. – Ternopil: Vydavnytstvo TNEU «Ekonomichna dumka», 2010. – S. 58-66.
11. Grishina N. V. Psihologiya konflikta / N.V. Grishina; – M., 2000. – 425 s.
12. De Dzhordzh R. T. Delovaya etika : [uchebnik] : per. s angl. R. I. Stolpera / De Dzhordzh R. T.; – M. : Progress, 2002. – 486 s.
13. Il'in E.P. Psihologiya doveriya / E.P. Il'in; – SPb.: Piter, 2013. – 288 s.
14. Kyzymenko L.D. Psykholohiia innovatsii yak skladova praktychnoi psykholohii u sferi menedzhmentu / L.D. Kyzymenko // [Elektronnyi resurs] / Rezhym dostupu: <http://ipp.lp.edu.ua/ks1/Kyzymenko.htm>

15. Kononets M.O. Psykholohiia profesiinoi moralnosti pidpriumtsiv: teoriia ta suchasna praktyka : [monohrafiia] / M.O. Kononets. – K. : Omeha-L, 2013. – 166 s.
16. Kononets M.O. Fenomen doviry v mentalnykh reprezentatsiakh aspirantiv tekhnichnoho universytetu / M. O. Kononets // Visnyk NTUU «KPI». Filosofiiia. Psykholohiia. Pedahohika : zbirnyk naukovykh prats. – 2015. – № 3 (45). – S. 77–85.
17. Lozhkin G.V. Prakticheskaya psihologiya konflikta: Ucheb. posobie. / G.V. Lozhkin, N.I. Povyakel' // – K.: MAUP, 2000. – 256 s.
18. Lozhkin G.V. Psiholog sporta v izmerenii professional'noj podgotovki / G.V. Lozhkin // Praktichna psihologiya ta social'na robota. – 2003. – № 5. – S. 1–3.
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23. Seligman A. Problema doveriya: per. s angl./ A. Seligman; – M.: IdeyaPress, 2002. – 256 s.
24. Taranov P.S. «Intrigi, moshennichestvo, tryuki» / P.S. Taranov; Bibleks, Sevastopol', 2007. – 608 s.
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27. Tsisetskyi O. Ye. Otsinka peredumov innovatsiinoho rozvytku rehionalnykh rynkiv pratsi Ukrainy za rezultatamy monitorynhu u 2014 r. / O. Ye. Tsisetskyi // Rehionalni aspekty rozvytku produktyvnykh syl Ukrainy. – Ternopil: Ekonomichna dumka, 2015. – Vyp. 20. – S. 37–45.
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## **RATING SYSTEM FOR EVALUATION OF THE LEVEL OF TRAINING OF ENTRANTS**

The rating (numerical equivalent of the grade from the entrance test F) takes into account the level of knowledge and skills that the entrant showed during the entrance test. The number of points scored on the exam (F) is formed as the sum of points awarded to the entrant for completion of each task of the entrance test. In total, the ticket contains three questions.

Evaluation of each task is performed according to the rating system according to the table 1.

Table 1 - Calculation of the assessment of the performance of individual tasks of the entrance test

Task completion level	Scores
The entrant substantially and reasonably revealed the issue (not less than 95% of the required information). One minor correction is allowed.	66...67
The entrant substantially revealed the issue, but the justification is not sufficient (at least 85% of the required information). Two minor corrections are allowed.	65...69
The entrant substantially revealed the theoretical question (not less than 75% required information). Three minor corrections are allowed.	58...52
The entrant revealed a theoretical question (not less than 65% required information). Four minor corrections are allowed.	51...45
The entrant revealed a theoretical question, but not enough (at least 60% of the required information). Five minor corrections are allowed.	44...38
The entrant did not disclose the theoretical question (less than 59% required information) or provided an answer that does not correspond to the essence of the task. The number of fixes is more than five.	38 and less

The total indicator F is defined as the sum of the values of points awarded to the entrant for individual tasks of the entrance test:  $F = F1 + F2 + F3$ .

To translate the total rating into traditional ratings should be used table 2.

Table 2 - Correspondence of the total rating F to traditional estimates

The value of F	Traditional assessment
181-200	"enrolled"
181-200	
141-160	
121-140	
101-120	
$RD \leq 100$	"not enrolled, the entrant is not allowed to competitive selection"