

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

**Department of Psychiatry, Narcology, Medical Psychology and Social
Work**

2021-2022 academic year

SYLLABUS OF THE EDUCATIONAL COMPONENT

"Basics of the prevention of alcoholism and drug addiction"
(elective course)

Full-time form of education

Field of knowledge 22 "Health"

Specialty /EQL 222 "Medicine"

EPP "Medicine"

of the Second (Master's) level


Course 4

Syllabus of the discipline approved at
the meeting of the Department of
Psychiatry, Narcology, Medical
Psychology and Social Work

Protocol from

“ 30 ” 08 2021 № 10

Head of the Department


 prof. Kozhyna H.M.

Approved by the Methodical
Commission on Problems of
Therapeutic Profile

Protocol from

“ 31 ” 08 2021 № 1

Chairman

 prof. Kravchun P.G.

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Clinical bases of the Department: Municipal Non-Commercial Enterprise of Kharkiv Regional Council "Regional Clinical Psychiatric Hospital №3", State Institution "Institute of Neurology, Psychiatry and Narcology of the National Academy of Medical Sciences of Ukraine", Municipal Non-Commercial Enterprise of Kharkiv Regional Council "Regional Narcological Dispensary", "The University Clinic" of the Kharkiv National Medical University.

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Class time: Monday, Tuesday, Wednesday, Thursday, Friday (practical classes 8: 00-12: 15/12: 25-4:45 pm according to the schedule; lectures - 9: 20-11: 00, 1: 20-3:00 pm in accordance with the schedule).

Introduction

The program of study of the discipline "Fundamentals of prevention of alcoholism, drug addiction and drug addiction": compiled in accordance with the Educational-professional program "Pediatrics" and the draft Standard of Higher Education of Ukraine (hereinafter - Standard), second (master's) level, knowledge 22 "Health", Specialty 222 "Medicine".

Description of the discipline

The subject of study of the discipline are patients with narcological pathology, issues of prevention, diagnosis of this pathology, to get acquainted with the etiological factors of these diseases

Interdisciplinary links:

The discipline is based on the study of students of the basics of general psychology, sociology, human anatomy and human physiology, pathomorphology and pathophysiology, deontology in medicine, psychology of communication and integrates with these disciplines, and lays the foundations for students of psychiatry, narcology, internal medicine and pediatrics. disciplines, which involves integration with them.

Prerequisites of the discipline. The discipline is based on the study of students, human anatomy and human physiology, pathomorphology and pathophysiology, deontology in medicine, psychology of communication and integrates, medical psychology with these disciplines, and lays the foundations for students to study psychiatry, narcology, internal medicine, pediatrics and other clinical which provides for integration with them.

Co-requisites of the discipline "Psychiatry and Addiction", "Medical Psychology".

The role and place of the discipline in the system of training: the study of the discipline provides the formation of skills to apply knowledge in the process of further study and in professional activities; lays the foundations of the doctor's knowledge of the origin and knowledge of this area of the sick person, the formation of a healthy lifestyle and prevention of mental disorders in the process of life and in various diseases of pathology caused by addictions of various etiologies.

The purpose and objectives of the discipline

1.1. Purpose of the discipline: training future doctors in the prevention of smoking, alcoholism, drug addiction and drug addiction in professional activities and daily life by mastering the necessary knowledge on this topic

1.2. The main tasks are to teach future doctors to determine the etiological factors and pathogenetic mechanisms of the formation of smoking, alcoholism, drug addiction and drug addiction;

to teach future doctors to determine the clinical manifestations and types of smoking, alcoholism, drug addiction and drug addiction to master and be able to use methods of prevention of smoking, alcoholism, drug addiction and drug addiction in professional activities and daily life

1.3. Competences and learning outcomes

1.3.1. The study of the discipline provides students with mastery of competencies	
Integral competence	Integral competence is the ability to solve typical and complex specialized problems and practical problems in a professional activity in the field of health care, or in the learning process, which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements.
General Competences (GC)	<ul style="list-style-type: none">- Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained- Ability to apply knowledge in practical situations- Knowledge and understanding of the subject area and understanding of professional activity- Ability to adapt and act in a new situation

	<ul style="list-style-type: none"> - Ability to make an informed decision; work in a team; interpersonal skills - Ability to communicate in the state language both orally and in writing; ability to communicate in a foreign language - Skills in the use of information and communication technologies - Definiteness and persistence in terms of tasks and responsibilities - Ability to act socially responsibly and consciously
Professional competencies (PC)	<ul style="list-style-type: none"> - Survey skills - Ability to determine the required mode of work and rest, the nature of nutrition in the treatment of diseases - Ability to plan and conduct sanitary, preventive and anti-epidemic measures, including infectious diseases - Ability to keep medical records - Ability to assess the impact of the environment, socio-economic and biological determinants on the health of the individual, family, population

1.3.2. The study of the discipline ensures the acquisition of students the following program learning outcomes::

	<p>Knowledge and understanding:</p> <ul style="list-style-type: none"> - acquisition by a person of general and special fundamental and professionally-oriented knowledge, skills, abilities, competencies necessary for the performance of typical professional tasks related to his / her activity in the medical field in the relevant position <p>Application of knowledge and understanding:</p> <ul style="list-style-type: none"> - evaluation of survey results, physical examination, laboratory and instrumental research data - carrying out sanitary and hygienic and preventive measures - maintenance of medical documentation, processing of state, social and medical information <p>Formation of judgments:</p> <ul style="list-style-type: none"> - ability to assess the state of human health and provide its support taking into account the impact of the environment and other health factors - ability to apply the acquired knowledge about the existing health care system to optimize their own professional activities and participate in solving practical problems of the industry - the formation of a specialist with appropriate personal qualities, who adheres to the code of ethics of the doctor
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1.3.3. The study of the discipline ensures the acquisition of students the following social skills (Soft skills):

- communication skills
- interpersonal skills
- research skills
- adaptability
- emotional intelligence

2. INFORMATION SCOPE OF THE COURSE

Name of indicators	Field of knowledge, direction of training, educational and qualification level	Characteristics of the discipline	
		full-time education	
Number of credits - 3.0	Training direction 22 "Health care" (code and name)	elective course	
The total number of hours is 90	Specialty: 222 "Medicine"	Year of preparation	
		4th	
		Semester	
		7th, 8th	
Hours for day (or evening) form of study: classrooms - 20 independent work of the student - 70	Educational and qualification level: Second (master's level)	Lectures	
		0 hours	hours
		Practical, seminar	
		20 hours	hours
		Laboratory	
		hours	hours
		Independent work	
		70 hours	hours
Individual work: hours			
Type of control: credit			

2.1 Description of the discipline

2.1.1 Practical classes

№	Topic name	Hours	Methods Learning	Forms control
1	Definition of smoking, alcoholism, drug addiction and drug addiction	1	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
2	Organization of narcological service. Legal aspects of narcology. Forensic psychiatric, labor and military psychiatric examination. Forensic chemical and pharmaceutical examination of drugs.	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
3	Prenosological forms of substance use.	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
4	Etiopathogenetic mechanisms of formation of smoking, alcoholism, drug addiction and drug addiction. Age, gender and social	1	story-explanation, conversation, discussion, presentation.	Current control: oral examination Final control: credit

	characteristics of substance use and dependence on them.		discussion with the teacher of educational elements of the lesson;	
5	Alcohol consumption. Patterns of alcoholism. Clinical picture of alcoholism. Stages of the disease.	2	story-explanation, conversation, discussion, research by students of the mental state of patients at risk	Current control: oral examination Final control: credit
6	Alcoholic psychosis.	1	story-explanation, conversation, discussion, research by students of the mental state of patients at risk for suicide	Current control: oral examination Final control: credit
7	Alcohol withdrawal syndrome.	1	story-explanation, conversation, presentation,, discussion. research of mental state of patient by students	Current control: oral examination Final control: credit
8	Classification of psychoactive substances. Etiology and pathogenesis of addiction. Biochemical and neurophysiological mechanisms of dependence in the use of psychoactive substances.	1	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
9	Major drug syndrome.	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
10	Psychosomatic and metabolic / somatoneurological disorders in opiate, cannabioid use and dependence.	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
11	Psychosomatic and metabolic / somatoneurological disorders in the use of toxic	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit

	substances and dependence on them.			
12	Psychosomatic and metabolic / somatoneurological disorders in smoking.	2	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
13	Prevention and rehabilitation of patients with smoking, drug addiction, substance abuse and alcoholism, as well as their complications.	1	story-explanation, conversation, discussion	Current control: oral examination Final control: credit
	Total hours of practical training	20		

2.1.2 Independent work

№	Name topics	Number of hours	Learning methods	Forms of control
1	Fundamentals of psychohygiene of smoking, alcoholism, drug addiction and drug addiction.	10	Discussion of the material studied independently during practical classes, dialogue with applicants for higher education; oral examination.	Current control: oral examination, self-control, report Final control: credit
2	Fundamentals of psychoprophylaxis of smoking, alcoholism, drug addiction and drug addiction.	10	Discussion of the material studied independently during practical classes, dialogue with applicants for higher education; oral examination.	Current control: oral examination, self-control, report Final control: credit
3	Types and kinds of psychorehabilitation programs for the treatment of smoking, alcoholism, drug addiction and drug addiction.	10	Discussion of the material studied independently during practical classes, dialogue with applicants for higher education; oral examination.	Current control: oral examination, self-control, report Final control: credit
4	Methods of first aid for acute intoxication with tobacco, alcohol, toxic substances and drugs.	20	Discussion of the material studied independently during practical classes, dialogue with applicants for higher education; oral examination.	Current control: oral examination, self-control, report Final control: credit
5	Smoking, alcoholism, drug addiction, drug addiction and pregnancy.	20	Discussion of the material studied independently during practical classes,	Current control: oral examination, self-control, report

			dialogue with applicants for higher education; oral examination.	Final control: credit
	Total 70			

3. Evaluation policy

Evaluation system and requirements. The current educational activity is carried out and controlled by the teacher of the academic group, after students master each topic of the discipline, it is graded using a 4-point (traditional) system: "excellent", "good", "satisfactory" and "unsatisfactory".

The form of final control of academic performance in the discipline is a test.

A test in a discipline is a form of final control, which consists in assessing the assimilation of educational material by students solely on the basis of the results of current education in accordance with the program of the discipline and does not provide a separate lesson for taking the test. At the last thematic lesson after the discussion of the lesson the teacher of the study group announces the sum of the student's scores based on the results of the current control and for the individual task.

The grade in the discipline is defined as the sum of grades of current learning activities in points, which are displayed at each seminar on the relevant topic and the number of points for the individual task. The results of the tests are evaluated on a two-point scale: "credited", "not credited".

A student receives a grade of "credited" if he has completed all types of work provided by the curriculum in the discipline, attended all lectures and seminars defined by thematic plans, and if there are passes - worked them on time, scored a total of at least 120 points. the number of points that a student can score in the discipline for the current educational activities and the performance of an individual task - 200 points.

Students' independent work is evaluated during the current control at the seminar.

During the assessment of the student's knowledge on theoretical issues included in this final lesson, the student is given a traditional grade, which is converted into a multi-point scale together with grades for current learning activities.

Recalculation of the average assessment of current educational activity in the multi-point scale of ECTS is carried out in accordance with the "Instructions for assessing the educational activity of students of KhNMU".

Final control - credit.

Recalculation of the average score for current activities on a multi-point scale

The final score for current learning activities and final classes is defined as the arithmetic mean of traditional grades for each class and final class, rounded to 2 decimal places and converted into a multi-point scale.

The conversion of the average grade for current educational activities into a multi-point scale for disciplines that end with a test is carried out in accordance with the table. To enroll, a student must receive from 120 to 200 points.

Table 2

Recalculation of the average score for current activities in a multi-point scale (for disciplines ending with a credit)

4-point scale	200-point scale	4-point scale	200-point scale	4-point scale	200-point scale
5	200	4.22-4,23	169	3.45-3,46	138
4.97-4,99	199	4.19-4,21	168	3.42-3,44	137
4.95-4,96	198	4.17-4,18	167	3.4-3,41	136

4.92-4,94	197	4.14-4,16	166	3.37-3,39	135
4.9-4,91	196	4.12-4,13	165	3.35-3,36	134
4.87-4,89	195	4.09-4,11	164	3.32-3,34	133
4.85-4,86	194	4.07-4,08	163	3.3-3,31	132
4.82-4,84	193	4.04-4,06	162	3.27-3,29	131
4.8-4,81	192	4.02-4,03	161	3.25-3,26	130
4.77-4,79	191	3.99-4,01	160	3.22-3,24	129
4.75-4,76	190	3.97-3,98	159	3.2-3,21	128
4.72-4,74	189	3.94-3,96	158	3.17-3,19	127
4.7-4,71	188	3.92-3,93	157	3.15-3,16	126
4.67-4,69	187	3.89-3,91	156	3.12-3,14	125
4.65-4,66	186	3.87-3,88	155	3.1-3,11	124
4.62-4,64	185	3.84-3,86	154	3.07-3,09	123
4.6-4,61	184	3.82-3,83	153	3.05-3,06	122
4.57-4,59	183	3.79-3,81	152	3.02-3,04	121
4.54-4,56	182	3.77-3,78	151	3-3,01	120
4.52-4,53	181	3.74-3,76	150	Less than 3	Not enough
4.5-4,51	180	3.72-3,73	149		
4.47-4,49	179	3.7-3,71	148		
4.45-4,46	178	3.67-3,69	147		
4.42-4,44	177	3.65-3,66	146		
4.4-4,41	176	3.62-3,64	145		
4.37-4,39	175	3.6-3,61	144		
4.35-4,36	174	3.57-3,59	143		
4.32-4,34	173	3.55-3,56	142		
4.3-4,31	172	3.52-3,54	141		
4,27-4,29	171	3.5-3,51	140		
4.24-4,26	170	3.47-3,49	139		

Evaluation of the results of the study of disciplines is carried out directly during the test. Evaluation of the discipline is defined as the sum of points for current educational activities and is min - 120 to max - 200. Correspondence of grades on a 200-point scale, four-point (national) scale and ECTS scale 6.

Table 6

Correspondence of estimates on a 200-point scale, four-point (national) scale and ECTS scale

200-point scale assessment	ECTS scale assessment	Score for four-point (national) scale
180–200	A	Excellent
160–179	B	Fine
150–159	C	Fine
130–149	D	Satisfactorily
120–129	E	Satisfactorily
Less 120	F, Fx	Unsatisfactorily

The grade in the discipline is given only to students who have passed all the final classes, tests.

Grades "FX" or "F" ("unsatisfactory") are given to students who are not credited with the study of the discipline, the form of control of which is credit.

After completing the study of the discipline responsible for the organization of educational and methodical work at the department or the teacher puts the student's grade on the scales (Table 6) in the record book and fill in the progress of students in the discipline forms: U-5.03A - credit;

Elimination of academic debt (working off). Testing is carried out in accordance with the regulations on testing of KhNMU

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=1226%3A2013-03-25-12-07-55&catid=4%3A2011-05-04-07-20-12&Itemid=19&lang=uk

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=1226%3A2013-03-25-12-07-55&catid=4%3A2011-05-04-07-20-12&Itemid=19&lang=uk

Control questions

1. Definition of concepts, alcoholism, and drug addiction, acute and chronic intoxication, post-intoxication, addiction and abstinence syndromes, mental and behavioral disorders due to the use and dependence on psychoactive substances.

2. Prevention of alcoholism and drug addiction in the practice of dentists, its types and forms.

3. Fundamentals of the organization of the narcological service.

4. Current legislation to combat the spread of psychoactive substances.

5. Use of psychoactive substances without addiction syndrome, its psychological mechanisms, and manifestations.

6. Epidemiology, general patterns of etiology and pathogenesis of use and dependence on psychoactive substances.

7. The role of social, psychological, physiological, and biological factors in the etiology of these conditions.

8. Use and dependence on psychoactive substances as a social, legal, and medical problem.

9. Medical-psychological and socio-legal issues of use and dependence on psychoactive substances.

10. Psychological mechanisms and manifestations of substance use without addiction syndrome.

11. Clinical signs of acute intoxication and post-intoxication condition, terms of dependence formation. Systematic use. Forms of use.

12. Features of the pathogenesis of alcoholism and drug addiction. Stages of dependence formation.

13. The first signs of alcoholism and drug addiction that are formed (loss of quantitative, and situational control, protective gag reflex and other signs).

14. Stages of the disease. Age features of use and dependence on psychoactive substances. Microsocial factors of addiction and dependence on psychoactive substances (alcoholism, drug addicts, etc.).

15. Combination of alcoholism with somatic and mental diseases.

16. Macrosocial influences and neogenic aspects of dependence on psychoactive substances.

17. Social status and features of use and dependence. Environmental problems and the development of dependence on psychoactive substances.

18. The effect of alcohol on the body and mind. Patterns of alcoholism. The relationship between the concentration of alcohol in the blood and somatoneurological and mental state of man. Prevalence of alcohol consumption.

19. Simple alcohol intoxication, its stages. Atypical forms of intoxication. Pathological intoxication. Risk groups for the development of alcoholism.

20. Laboratory diagnosis of alcohol intoxication.

21. Metal alcoholic psychosis. Clinical picture, types of course, prevention, and rehabilitation.

22. Alcohol withdrawal syndrome, its severity.

23. Psychological, somatovegetative, and neurological manifestations of alcohol withdrawal syndrome.
24. Clinical picture of emergencies in alcoholism. Hangover syndrome, pathogenetic mechanisms of its development.
25. Psychoactive substances, definition, classification.
26. Motivation for the use of psychoactive substances. Etiology and pathogenesis of addiction.
27. Biochemical and neurophysiological mechanisms of dependence.
28. Varieties of classifications of psychoactive substances.
29. Medical, social and legal criteria of the drug. The difference between narcotic, and other toxic psychoactive substances.
30. Great drug syndrome, its components. Mental, physical dependence. Changes in primary tolerance to psychoactive substances.
31. Abstinence (withdrawal syndrome). Psychotoxic effect of psychoactive substances. Somatotoxic effect of psychoactive substances.
32. Basic definitions and classifications on the topic. The most common precursors in Ukraine and the world and possible derivatives of opiates and cannabioids.
33. The most typical means of non-medical use.
34. Clinical and differential diagnostic features: a) acute intoxication with opiates and cannabioids; b) post-intoxication period; c) chronic intoxication with opiates and cannabioids; d) withdrawal syndrome depending on experiments and cannabioids; e) possible psychoses and other mental disorders with the use of opiates and cannabioids and dependence on them.
35. Therapy for opium withdrawal syndrome. Characteristics of persons injecting psychoactive substances as a contingent of risk for hemocontact infectious diseases (including AIDS).

List of practical skills

Independently conduct a directed conversation with patients, make a medical history and life, assess the patient's condition

To form an adequate attitude to the disease in the patient and maintain it throughout the treatment and diagnostic process.

Give psychohygienic advice to the patient.

Develop tactics of communication with patients and their relatives, taking into account the principles of medical ethics and deontology.

Be able to implement measures of primary psychoprophylaxis dependent on surfactants

Know the basic diagnostic algorithms of addiction (chemical, Internet, gambling) and interdependence and be able to apply them in practice for prevention and correction.

Identify signs of major behavioral, mental and somatoneurological disorders in the use and dependence on psychoactive substances;

Identify pre-nosological forms of alcohol, drug and toxic substance abuse;

Adequately assess the signs of violations related to the abuse of tobacco, alcohol, toxic and narcotic substances;

Carry out educational work and use methods of prevention of smoking, alcoholism, drug addiction and drug addiction in everyday life and professional activities.

Rules for appealing the assessment. The student can appeal his positive assessment during the day. To do this, he writes to the head of the department. The head of the department appoints a commission of 3 people: the chairman of the commission - the head of the department, and two members of the commission of teachers of the department. This assessment is final and not subject to appeal.

4. Teaching methods

The types of educational activities of students according to the curriculum are: a) practical classes, b) independent work of students

Practical classes include:

- 1) discussion with the teacher of educational elements of the lesson;
- 2) research by students of the mental state of patients with addictions;
- 3) performance of test tasks.

Students are encouraged to keep minutes of practical classes.

independent work of students and individual work of students includes:

- preparation for practical classes on planned topics;
- individual independent work of students (speech at the scientific-practical conference of the clinic, writing articles, report of the abstract in a practical lesson, etc.);

Teachers of the department provide the opportunity to carry out independent work of students, during practical classes monitor and evaluate its implementation

4. DISCIPLINE POLICY

Discipline requirements. To achieve the goal of training and successfully complete the course, it is necessary to: join the work from the first day; regularly attend classes, read the material in advance, before its consideration in a practical lesson; perform all necessary tasks and work every day; be able to work with a partner or in a group; ask for help and get it when you need it.

Class attendance and behavior. Students must not be late or miss classes; come to the department dressed in a medical gown, have changeable shoes, carry a mask, notebook, pen. Before classes at the clinical base of the department, students must undergo a medical examination and have a health book with permission to work in a medical institution.

Policy for people with special educational needs. Students with special educational needs should meet with the teacher or warn him before the start of classes, at the request of the student this can be done by the head of the group. If you have any questions, please contact the teacher.

Recommendations for successful completion of the discipline: the activity of higher education students during practical classes, the implementation of the required minimum of educational work.

Safety precautions. All students must be instructed in safety, which is conducted at the beginning of the first lesson. The briefing is conducted by a teacher of the academic group or a responsible person, according to the instructions approved by the order of KhNMU with an entry in the relevant journal.

5.5. ACADEMIC INTEGRITY

Academic Integrity Policy. Copying and plagiarism in the preparation of student research papers are not allowed. The use of electronic gadgets (mobile phone, tablet) is not allowed during practical classes, lectures and during all types of control.

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_komis_ad_text.pdf

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

6. Recommended literature

1. Psychiatry and narcology : tutorial for forieng medium students of higher medical schools and interns / H. Kozhyna, T. Mishchenko, N. Maruta, [at al]. – Xapкiв, 2020. – 307 c. Psychiatry and narcology : tutorial for forieng medium students of higher medical schools and interns / H. Kozhyna, T. Mishchenko, N. Maruta, [at al]. – Xapкiв, 2020. – 307 c.

2. Psychiatry : manual for English medium students of higher medical schools and interns / V. L. Gavenko, G. A. Samardakova, V. M. Sinayko, V. I. Korostiy, A. M. Kozhina, T. P. Mozgovaya, O. O. Dyomina ; edited by V. L. Gavenko. – kharkiv : KhNMU, 2014. – 389

3. The American Psychiatric Association Publishing Textbook Of Substance Use Disorder Treatment, Sixth Edition. Edited By: Kathleen T. Brady, M.D., Ph.D., Frances R. Levin, M.D., Marc Galanter, M.D., Herbert D. Kleber, M.D.
<https://doi.org/10.1176/appi.books.9781615373970>

4. Marijuana And Mental Health Edited By: Michael T. Compton, M.D., M.P.H.
<https://doi.org/10.1176/appi.books.9781615370658>

7. Information resources / Discipline page in the Moodle system

<http://31.128.79.157:8083/course/view.php?id=2952>