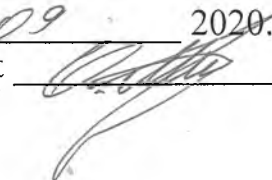


**PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Social Medicine and Preventive Medicine**

**SYLLABUS
EDUCATIONAL DISCIPLINE
Hygiene and ecology**

LEVEL OF HIGHER EDUCATION The second (master's) level
DEGREE OF HIGHER EDUCATION Master
BRANCH OF KNOWLEDGE 22 Healthcare
SPECIALTY 221 Dentistry

Considered and approved
at a meeting of the Department of Social Medicine
and preventive medicine

Protocol № 1 from «01» 09 2020.
Head of Department 

Kiev 2020

1. General information	
Subjects	Hygiene and ecology
Teacher (s)	Zorina Olesya Viktorivna
Teacher's contact phone number	-
Teacher's e-mail	wateramnu@i.ua
Discipline format	normative
The scope of discipline	
Link to the distance learning site	
Consultations	

2. Annotation to the course

The discipline "Hygiene and Ecology" is aimed at forming students' knowledge about environmental factors, their compliance with hygienic standards, studies the assessment of the impact of negative environmental factors on the human body and public health, the ability to provide preventive recommendations for maintaining and promoting health. patients. To successfully study and master the competencies of the discipline "Hygiene and Ecology" the student must master the following sections: General Hygiene, studying the general theory and methodology of human hygiene and ecology, history of hygiene, principles of hygienic regulation, general issues of air hygiene, solar radiation, solar radiation microclimate, weather, lighting, soil, water, personal hygiene, etc. Public hygiene, which studies the problems of hygiene of settlements and public buildings, water supply and air, sanitary protection of soil and water bodies, regulation of environmental and hygienic environmental factors that affect public health. Food hygiene is the science of the impact on the health of various groups of the population of the energy value and quality of food, substantiation of standards and recommendations for the organization of nutrition, requirements for the prevention of food poisoning and foodborne illness. Occupational health, which studies the impact on human health of the conditions and factors of the working environment and work, develops hygienic standards and recommendations to prevent occupational poisoning and disease, optimize working conditions, increase its efficiency, prevent fatigue and overfatigue. **Radiation hygiene**, which covers the impact on the health of various contingents of the population of ionizing radiation of natural and man-made origin; develops hygienic standards and measures for prevention and its negative effects. **Hygiene of children and adolescents**, which studies and develops hygienic standards and recommendations on the impact on the health of children and adolescents of the conditions of upbringing, physical culture, nutrition, training and work, prevention of mental and physical health. Extreme hygiene and military hygiene, which studies the direct and long-term negative impact on the hygienic indicators of the environment and public health of natural and man-made accidents, catastrophes and emergencies, as well as the specific living and working conditions of servicemen and other formations in everyday and extreme situations. Discipline "Hygiene and Ecology": is the basis for the use of favorable environmental health factors to promote human health, hardening of the body; lays the foundations for students to study the environment as a source of etiological factors and etiological risk factors for the occurrence and spread of diseases; on the basis of studying the influence of environmental factors on the body and health lays the foundations of a healthy lifestyle, disease prevention, skill in diagnosing diseases. The discipline "Hygiene and Ecology" is integrated with the relevant work program. The working curriculum of the discipline is based on the educational and professional training program for the specialist in the specialty "Medical Affairs" (approved by the order of the Ministry of Education and Science of Ukraine від 239 of April 16, 2003).

3. The purpose and objectives of the course

1. The purpose of studying the discipline "Hygiene and Ecology" (ultimate goals) is determined on the basis of educational and professional training program for doctors in the specialty "Medical Affairs". The aim of the course is to form future specialists' knowledge, skills and competencies to ensure effective assessment of the impact on the human body and public health of environmental factors and to develop preventive and health measures to eliminate or reduce to safe levels the impact of negative factors to preserve and strengthen health, disease prevention.
2. Objectives of the normative discipline "Hygiene and Ecology": After completing the course the student must be able to analyze the state of the environment, assess the impact of its factors on the health of different groups, justify hygienic measures for disease prevention.

4. Learning outcomes (competencies)

After completing the course "Hygiene and Ecology" the student must be able to: - PP003 Analyze the state of the environment and the impact of its factors on the health of different groups - PP007 Demonstrate mastery of methods of hygienic assessment of environmental factors on public health - PP010 laws of hygienic science and general laws of health connection with factors and conditions of living environment - PP011 To substantiate hygienic measures on prevention of diseases of infectious origin - PP012 To plan measures on observance of a healthy way of life, personal hygiene and to implement them in health care practice - PP013 Plan organizational and substantive measures for preventive and current sanitary supervision - PP045 Coordinate plans for preventive measures with plans for the development of territorial, administrative and production units - PP048 Analyze the state of the environment on the basis of integrated criteria assessment of the state of health of the population - PP071 To substantiate the implementation of preventive measures in accordance with the basics of current legislation of Ukraine.

5. Organization of course training

The volume of the course

The organization of the educational process is carried out according to the credit-transfer system of education, based on a combination of modular learning technologies and assessment credits - units of measurement of the student's workload required for mastering the module.

Types of educational activities of students according to the curriculum are also:

- practical training;

- independent work of students (VTS). The current educational activity of students is evaluated at each practical lesson in accordance with its specific goals and during the performance of individual work by students. The final control of mastering the module on the basis of practical classes and independent work is carried out upon its completion in the form of a test. The assessment of the student's success in the discipline is a rating and is set on a multi-point scale according to the ECTS system.			
Type of lesson		Total number of hours	
Lectures		10	
<i>Course signs</i>			
Semester	Specialty	Course (year of study)	Normative/selective
8	D	4	Normative
<i>Course topics</i>			
Theme, plan	Form of employment	literature	
1. Hygiene as a science. Ecology as a science. Environment and human health. Biosphere and its hygienic value. Bioethical aspects and biosafety issues of biosphere denaturation.	lecture	1. Hygiene and ecology: Textbook / Edited by VG Bardova.– Vinnytsia: Nova Kniga, 2006. - 720 p. 2. General hygiene: propaedeutics of hygiene: Textbook / E.G. Goncharuk, Yu.I. Kundiev, VG Bardov and others; For order. E.G. Potter. - К.: Вища шк., 1995. - 552 с. 3. Preventive medicine. General hygiene with the basics of ecology. II Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p. 4. Fundamentals of ecology: A textbook for students. higher education institutions / V.G. Bardov, VI Fedorenko, EM Biletska and others. Vinnytsia: Nova Kniga, 2013. - 424 p. 5. Hygiene and ecology in terms, schemes, tables and tests: textbook. method VF Москаленко, О.П. Yavorovsky, DO Lastkov, SI Garkavy and others. К.: VSV "Medicine", 2012. - 208 p.	
2. Hygiene of weather and climate. Acclimatization, heliometotropic reactions and their prevention, bioethical principles of assessing the impact of climatic weather conditions on human health.	lecture	1. Hygiene and ecology: Textbook / Edited by VG Bardova. - Vinnytsia: Nova Kniga, 2006. - 720 p. 2. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p. 3. Fundamentals of ecology: A textbook for students. higher education institutions / V.G. Bardov, VI Fedorenko, EM Biletska and others. Vinnytsia: Nova Kniga, 2013. - 424 p.	
3. Topical issues of communal hygiene (problems of urbanization, hygiene of housing, microclimate, lighting, heating, ventilation, water and water supply, soil, cleaning of settlements, biosafety of housing).	lecture	1. Public hygiene. For order. Goncharuka EG Textbook. Kyiv, "Health", 2003. - 728 p. 2. Hygiene and ecology: Textbook / Edited by VG Bardova. - Vinnytsia: Nova Kniga, 2006. - 720 p. 3. General hygiene: propaedeutics of hygiene: Textbook / E.G. Goncharuk, Yu.I. Kundiev, VG Bardov and others; For order. E.G. Potter. - К.: Вища шк., 1995. - 552 с. 4. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p.	
4. Topical issues of occupational health, biosafety in occupational health.	lecture	1. Occupational Hygiene: Textbook / YI Kundiev, OP Yavorovsky, AM Shevchenko and others; for order. acad. NAS of Ukraine, NAMS of Ukraine, prof. Yu.I. Kundieva, Corresponding Member NAMS of Ukraine prof. OP Yavorovsky.- К.: VSV "Medicine", 2011.–904p. 2. Hygiene and labor protection of medical workers. Textbook / Ed. VF Moskalenko, OP Yavorovsky. - К.: «Медицина», 2009. - 176 с.	
5. Topical issues of hygiene of children and adolescents. Issues of bioethics and biosafety in the hygiene of children and adolescents.	lecture	1. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p.	
6. Nutrition as a factor of health. Biosafety issues in food hygiene.	lecture	1. Food hygiene with the basics of nutrition: Textbook; in 2 books. - Book. 2 / For order. prof. VI Cyprian. К.: Медицина, 2007. - 544 с. 2. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p.	
7. Hygiene of medical and preventive institutions and prevention of nosocomial infections. Issues of biosafety in the activities of treatment and prevention facilities.	lecture	1. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p. 2. Hygiene and labor protection of medical workers. Textbook / Ed. VF Moskalenko, OP Yavorovsky. - К.: «Медицина», 2009. - 176 с.	
8. Topical issues of radiation hygiene. Issues of bioethics and biosafety in the use of ionizing radiation.	lecture	1. Radiation hygiene: Textbook / Edited by prof. V.Ya. Umansky and prof. S.T. Omelchuk. Donetsk: Nord-Press, 2009. - 143 p. 2. Radiation hygiene: A textbook for interns and trainee doctors. V.O. Murashko, D.S. Mechev, ST Omelchuk and others. Vinnytsia: Nova Kniga, 2013. - 376 p.	
9. Fundamentals of the organization of sanitary and hygienic measures in the Armed Forces of Ukraine in emergencies in peacetime and in wartime. Hygiene of field	lecture	1. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p. 2. Pryakhin VN Safety of human life in peacetime and wartime: a textbook for the environment. Special. Zavedeniy / VN Пряхин, С.С. Соловьёв - М.: Izdatelstvo «Ekzamen», 2006.-381 s. 3. Shobotov VM Civil Defense: Textbook: Type 2, revised. - Kyiv: Center for Educational Literature, 2006.-438 p. 4. Fundamentals of the organization of medical care of the population in emergency situations. Issue 2 /	

deployment of troops and population.		Under ag. Ed .. VV Durdynets, VO Волошина. - Kyiv: Medecol MNIC BIO-ECOS MOE and NAS of Ukraine, 1999.-203 p.
10. Fundamentals of organization and conduct of sanitary supervision and medical control over food and water supply of personnel of the Armed Forces of Ukraine in the field.	lecture	<ol style="list-style-type: none"> Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p. Trokhimchuk VV, Orphan PS, Grinchuk IG, Lototsky VV Extreme and military pharmacy: Textbook / Ed. Dr. Pharm. Sciences, Prof. V.V. Trokhimchuk. - Ternopil: Ukrmedknyha, 2003.- 332 p. Epidemiology of extreme conditions with a course of military epidemiology / Andreychin MA, Kopcha VS, Krushelnytsky OD, Narozhnyy VV- Ternopil: Ukrmedknyha, 2002.- 270 p. Chernyakov GO, Kochin IV, Sidorenko PI etc. Disaster medicine. - K., Health, 2001.-350 p. Gut TM Workshop on military medical training. - K.; Health, 2001.-92 p. Disaster Medicine: Industrial Training / IV Kochin, G.O. Chernyakov, P.I. Sidorenko: For the order. I.B. Kochina - K.; Health, 2008.-724 p. Pashko KO Military hygiene with hygiene in emergencies. - Ternopil; Ukrmedkniga, 2005. - 312 p. Badyuk MI, Levchenko FM, Tokarchuk VP, Solyaryk VV etc. Organization of medical support of troops: Textbook. [for students. higher honey. lock Education of Ukraine III-IV levels of accreditation] / Ed. Professor Paska VV - K.: "МП Лєся", 2005. - 425 с. Organization of emergency medical care in military units (institutions) of the Armed Forces of Ukraine: guidelines / [2nd ed., Revised. and add.]// [Authors ...]. - GVMKC "GVKG". - K., 2014. - 144 с

The teaching process in the discipline "Hygiene and Ecology" uses traditional teaching methods: verbal (conversation), visual (illustration, demonstration), practical (practical work, solving situational problems to develop skills and abilities). Methods of educational and cognitive activity: explanatory illustrative, problem statement, search, research, methods of stimulation and motivation of educational and cognitive activity, methods of control and self-control (control and correction by the teacher, self-control and self-correction, mutual control and mutual correction).

Content module 1

for example [1-5]

According to the schedule

6. Course evaluation system

Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are:

- test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of conformity, with the definition of a certain area in the photo or diagram ("recognition");
- individual oral examination, interview;
- solving typical situational problems;
- control of practical skills;
- solving typical problems.

Grades on the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.

Final control of academic performance is carried out in the form of an exam (differential test, test) (written, oral).

For disciplines, the form of final control of which is a test.

Evaluation of current educational activities. During the assessment of mastering each topic for the current educational activity of the student, grades are set according to a four-point (traditional) assessment scale. This takes into account all types of work provided by the discipline program. The student must receive a grade on each topic (in each practical training session). Scores on the traditional scale are converted into points. The final grade for the current academic activity is recognized as the arithmetic mean (the sum of grades for each lesson is divided by the number of lessons per semester) and translated into points according to Table 1.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with a test)

4- score scale	200- score scale	4- score scale	200- score scale	4- score scale	200- core scale	4- score scale	200- score scale
5	200	4,47	179	3,94	158	3,42	137
4,97	199	4,45	178	3,92	157	3,4	136
4,95	198	4,42	177	3,89	156	3,37	135
4,92	197	4,4	176	3,87	155	3,35	134
4,9	196	4,37	175	3,84	154	3,32	133
4,87	195	4,35	174	3,82	153	3,3	132
4,85	194	4,32	173	3,79	152	3,27	131
4,82	193	4,3	172	3,77	151	3,25	130
4,8	192	4,27	171	3,74	150	3,22	129
4,77	191	4,24	170	3,72	149	3,2	128
4,75	190	4,22	169	3,7	148	3,17	127
4,72	189	4,19	168	3,67	147	3,15	126
4,7	188	4,17	167	3,65	146	3,12	125
4,67	187	4,14	166	3,62	145	3,1	124
4,65	186	4,12	165	3,6	144	3,07	123
4,62	185	4,09	164	3,57	143	3,05	122
4,6	184	4,07	163	3,55	142	3,02	121
4,57	183	4,04	162	3,52	141	3	120
4,55	182	4,02	161	3,5	140	Less 3	Not enough
4,52	181	3,99	160	3,47	139		
4,5	180	3,97	159	3,45	138		

The maximum number of points that a student can score for the current educational activity for admission to the PC is 120 points.

The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Independent work of students, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 2. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4- score scale	120- score scale	4- score scale	120- score scale	4- score scale	120- score scale	4- score scale	120- score scale
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84		
4,54	109	3,99	96	3,45	83	Less 3	Not enough
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

Table 3. Scale of assessment of differentiated (exam) credit:

National scale	Score scale
«5»	70-80
«4»	60-69
«3»	50-59

Assessment of the final control is scored at least 60% of the maximum scale - at least 50 points).

considered credited if the student amount of points (for a 200-point

The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 2) and for the final control (differentiated test, exam) (Table 3).

Requirements for written work	The final written work is performed in the form of a test.	
Practical training	Module 1	
Classroom work		
Content module 1		Content module 2
T1-4	сума	T5-8....
Control work – 20		Control work – 20
Test – 10		Test – 10
Working in pairs – 5		Working in pairs – 5
Abstract – 15		Abstract – 15
	50	
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, written survey, tests, verification of identification of micropreparations, abstracts), the results of 2 content modules.	

7. Course policy

The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) for assessing student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory grades for 50% or more of the submitted theoretical and practical material.

8. Recommended literature

Basic

1. The Constitution of Ukraine.
2. Fundamentals of the legislation of Ukraine on health care.
3. Law of Ukraine "On Ensuring Sanitary and Epidemic Welfare of the Population".
4. Hygiene and ecology: Textbook / Edited by VG Bardova. - Vinnytsia: Nova Kniga, 2006. - 720 p.
5. General hygiene: propaedeutics of hygiene: Textbook / E.G. Goncharuk, Yu.I. Kundiev, VG Bardov and others; For order. E.G. Potter. - K.: Вища шк., 1995. - 552 с.
6. Preventive medicine. General hygiene with the basics of ecology. I.I. Datsenko, RD Gabovich. Textbook, 2 editions. - Kyiv: "Health", 2004. - 792 p.
7. Fundamentals of ecology: A textbook for students. higher education institutions / V.G. Bardov, VI Fedorenko, EM Biletska and others. Vinnytsia: Nova Kniga, 2013. - 424 p.
8. Radiation hygiene: Textbook / Edited by prof. V.Ya. Umansky and prof. S.T. Omelchuk. Donetsk: Nord-Press, 2009. - 143 p.
9. Public hygiene. For order. Goncharuka EG Textbook. Kyiv, "Health", 2003. - 728 p.
10. Collection of test tasks for state tests in hygiene, social medicine, organization and economics of health care. Edited by: V.F. Москаленко, В.Г. Бардова, О.П. Yavorovsky. - Vinnytsia: Nova Kniga, 2012. - 200 p.
11. Hygiene and ecology in terms, schemes, tables and tests: textbook. method VF Москаленко, О.П. Yavorovsky, DO Lastkov, SI Garkavy and others. K.: VSV "Medicine", 2012. - 208 p.

12. Radiation Hygiene: A Textbook for Interns and Listener Doctors. V.O. Murashko, D.S. Mechev, ST Omelchuk and others. Vinnytsia: Nova Kniga, 2013. - 376 p.
13. Food hygiene with the basics of nutrition: Textbook; in 2 books. - Book. 2 / For order. prof. VI Cyprian. К.: Медицина, 2007. - 544 с.
14. Occupational Hygiene: Textbook / YI Kundiev, OP Yavorovsky, AM Shevchenko and others; for order. acad. NAS of Ukraine, NAMS of Ukraine, prof. Yu.I. Kundieva, Corresponding Member NAMS of Ukraine prof. OP Yavorovsky. - К.: VSV "Medicine", 2011.- 904p.
15. Hygiene and labor protection of medical workers. Textbook / Ed. VF Moskalenko, OP Yavorovsky. - К.: «Медицина», 2009. - 176 с.
16. General Hygiene: A Handbook for Practical Classes / General Ed. Datsenko II - Lviv, 2001. - 472 p.
17. Prevention of nosocomial infections (hygienic, epidemiological and microbiological aspects) / edited by VF Moskalenko - К.: "Health". 2013. - 160 p.
18. Civil protection: a textbook for students of higher education. institutions of the IV level of accreditation. / PV Oliynyk, ST Omelchuk, VV Chaplyk and others. - Vinnytsia: New book, 2013.- 328 p.
19. Chaplyk VV Emergency Medicine: A Textbook for Higher Medical Students. textbook institutions / Chaplyk VV, Oliynyk PV, Omelchuk ST - Vinnytsia: New book, 2012.- 352 p.
20. Hygiene. A textbook for practical classes for students of medical faculties v.n.z. // В.Я. Umansky, DO Ластков, А.М. Bezsmerntny, NF Ivanytska and others. - Donetsk, 2004.-p.269-303.
21. Pryakhin VN Safety of human life in peacetime and wartime: a textbook for the environment. Special. Zavedeniy / VN Пряхин, С.С. Соловьёв. - М.: Izdatelstvo «Ekzamen», 2006.-381 s.
22. Trokhimchuk VV, Orphan PS, Grinchuk IG, Lototsky VV Extreme and military pharmacy: Textbook / Ed. Dr. Pharm. Sciences, Prof. V.V. Trokhimchuk. - Ternopil: Ukrmedknyha, 2003.- 332 p.
23. Epidemiology of extreme conditions with a course of military epidemiology / Andreychin MA, Kopcha VS, Krushelnytsky OD, Narozhnov VV - Ternopil: Ukrmedknyha, 2002.- 270 p.
24. Chernyakov GO, Kochin IV, Sidorenko PI etc. Disaster medicine. - К., Health, 2001.-350 p.
25. Gut T.M. Workshop on military medical training. - К.; Health, 2001.-92 p.
26. Shobotov VM Civil Defense: Textbook: Type 2, revised. - Kyiv: Center for Educational Literature, 2006.-438 p.
27. Fundamentals of the organization of medical care for the population in emergency situations. Issue 2 / Under ag. Ed. VV Durdynets, VO Волошина. - Kyiv: Medecol MNIC BIO-ECOS MOE and NAS of Ukraine, 1999.-203 p.
28. Disaster Medicine: Industrial Training / IV Kochin, G.O. Chernyakov, P.I. Sidorenko: For the order. I.B. Kochina - К.; Health, 2008.-724 p.
29. Pashko KO Military hygiene with hygiene in emergencies. - Ternopil; Ukrmedkniga, 2005. - 312 p.
30. Badyuk MI, Levchenko FM, Tokarchuk VP, Solyaryk VV etc. Organization of medical support of troops: Textbook. [for students. higher honey. lock Education of Ukraine III-IV levels of accreditation] / Ed. Professor Paska VV - К.: "МП Леся", 2005. - 425 p.
31. Organization of emergency medical care in military units (institutions) of the Armed Forces of Ukraine: guidelines / [2nd ed., Revised. and add.] // [Authors ...]. - GVMKC "GVKG". - К.;, 2014. - 144 p

Auxiliary

1. Preventive medicine. General hygiene with the basics of ecology Textbook II Datsenko, RD Gabovich. - К., 1999. - 694 p.
2. General hygiene. Propaedeutics of hygiene // Textbook for foreign students / EI Goncharuk, Yu.I. Kundiev, VG Bardov et al. - К.: Higher School, 2000. - 652 p.
3. Occupational hygiene (research methods and sanitary-epidemiological surveillance). / Ed. AM Shevchenko, OP Yavorovsky. - Vinnytsia: NEW BOOK, 2005.- 528p.
4. Hygiene and labor protection of medical workers / VI СВИДОВЫЙ, Е.Е. Palishkina - SPb.: IzdatelstvoSPb GMA im. II Mechnikova, 2006. - 90 p.
5. Hygiene. R.D. Габович, С.С. Poznansky, G.Kh. Shahbazyan - 3rd ed., Reworked. and ext. - Kiev: Higher School, 1983. - 320 p.
6. Hygiene. Textbook for practical classes for students of medical faculties VNZ // В.Я. Umansky, DO Ластков, А.М. Bezsmerntny, NF Ivanytska and others. - Donetsk, 2004. - 384 p.
7. Introduction to preventive medicine. Methodological and historical aspects / VV Babienko, AM Grinzovsky, Yu.M. Vorokhta Textbook. К.: Slovo Publishing House, 2012. - 232 p.
8. Formation and development of hygienic science in Ukraine: the way through the epochs and social upheavals (second half of the XIX - 20s of the XX century): monograph / Kotsur NI - Korsun-Shevchenkivsky, 2011. - 726 p.
9. Surgical infections: monograph / A.G.O. Salmanov - К.: Condor, 2011. - 374 p.
10. Radiation hygiene. M.P. Mashchenko, DS Мечов, В.О. Ant. Kharkiv; Ministry of Health of Ukraine, КМАРЕ, 1999. - 389 p.
11. General hygiene. Dictionary-reference // I.I. Datsenko, VG Бардов, Г.П. Stepanenko. - Lviv, 2001. - 244 p.
12. Communal hygiene / Ed. acad. E.I. Goncharuka, 2nd ed. (Russian). Textbook. Kyiv, Zdorovya, 2006. - 792 p.
13. Food hygiene with the basics of nutrition (edited by VI Tsipriyan). К., 1999. - 568 p.
14. Alimentary obesity as a hygienic problem: a monograph / L.I. Buryak, E.M. Biletska, S.A. Shchudro, L.V. Grigorenko - Dnepropetrovsk: "Thresholds", 2012. - 274 p.
15. Occupational hygiene (edited by AM Shevchenko, OP Yavorovsky). - Vinnytsia: Nova Kniga, 2005. - 520 p.
16. Hygiene / Ed. acad. RAMN GI Romyantseva. - М.: Медицина, 2000. - 608 с.
17. Пивоваров Ю.П. Hygiene and basics of human ecology: A textbook for students. higher honey. textbook institutions / Yu.P. Пивоваров, В.В. Korolik, L.S. Zinevich; Ed. Yu.P. Пивоварова. - М.: Publishing Center "Academy", 2004. - 528 p.
18. Study of the influence of environmental factors on the health of the population EG Goncharuk, Yu.V. Вороненко, Н.П. Martsenyuk. - К., 1989. - 204 p.
19. Climate hygiene VG Bardov. - К., 1990. - 207 p.
20. Radiation safety standards of Ukraine (NRBU-97). - К., 1997. - 121 p.
21. Basic sanitary rules of radiation protection of Ukraine (OSPU-2005). - 136 p.

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