

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

SYLLABUS
EDUCATIONAL DISCIPLINE
LIFE SAFETY;
FUNDAMENTALS OF BIOETHICS AND BIOSECURITY

LEVEL OF HIGHER EDUCATION Second (master's) level

DEGREE OF HIGHER EDUCATION Master

FIELD 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



Kyiv 2020

1. Загальна інформація	
Subjects	Life Safety
Teacher (s)	
Teacher's contact phone number	-
Teacher's e-mail	
Discipline format	Normative discipline
The scope of discipline	30
Link to the distance learning site	
Consultations	Not on the program
2. Discipline abstract	
<p>Life safety is an integrated discipline of humanitarian and technical direction, which studies the general patterns of hazards, their properties, their effects on the human body, the basics of protecting human health and life and its environment from hazards, as well as the development and implementation of appropriate tools and measures to create and maintain healthy and safe living conditions and activities.</p> <p>The most important feature of interdisciplinarity "Safety of life" is its connection with medical disciplines: Occupational safety in the field, Fundamentals of bioethics and biosafety, Emergency Medicine, Radiation Medicine, Training of medical officers. reserve services, Occupational diseases, Emergency and emergency medical care, etc.</p>	
3. The purpose and objectives of the discipline	
<i>The purpose of studying the discipline "Life Safety":</i>	
<ul style="list-style-type: none"> • formation of knowledge about the general patterns of hazards, their properties, the consequences of their impact on the human body; • formation of knowledge on the basics of protection of human health and life and its environment from dangers • forming a person's conscious and responsible attitude to issues of personal safety and the safety of those around him; • training of a person to recognize and assess potential dangers, to determine the way of reliable protection from them, to be able to provide assistance in case of need to himself and others, as well as to promptly eliminate the consequences of dangers in various spheres of human activity. 	
<i>Tasks of the discipline "Life Safety":</i>	
<ul style="list-style-type: none"> ➤ knowledge of laws, principles and rules of life safety management; ➤ legal security of human life. 	
4. Learning outcomes (competencies)	
As a result of studying the discipline "Life Safety" students must:	
KNOW:	
<ul style="list-style-type: none"> ➤ basic concepts and definitions of life safety; ➤ principles, methods and means of ensuring safe living; ➤ physiological and psychological factors of life safety of modern man; ➤ negative environmental factors and their impact on human health; ➤ valeological and sanological principles of formation of safety of health and human life; ➤ bad habits and the associated danger of human life; ➤ dangerous and life-threatening diseases in the practice of a medical worker. 	
<i>BE ABLE TO:</i>	
<ul style="list-style-type: none"> ▪ Assess the relationship between health and exposure to harmful and dangerous factors. ▪ Anticipate the negative effects of dangerous factors on the human body. ▪ To determine the basic principles of safety in ensuring normal human life. ▪ Distinguish the relationship between health and exposure to harmful hazards. ▪ Anticipate the negative consequences of the influence of dangerous factors on the human body. ▪ Recognize typical models of psychological reactions of the body in extreme situations. ▪ Apply traditional and non-traditional methods of healing the body. ▪ Have methods of quantitative and qualitative determination of food and water contamination. ▪ Have techniques for reducing the amount of contaminants in food. 	
<i>LIST OF MANDATORY SKILLS FOR FUTURE PRACTICE</i>	
<ul style="list-style-type: none"> ➤ Define the basic principles of safe human life. ➤ Anticipate the consequences of violations of the valeological basis for the formation of a healthy lifestyle and their impact on the safety of human life. ➤ Analyze and evaluate situations dangerous to life, health and professional activity and make decisions on taking urgent measures. 	
5. Organization of the study of the discipline	
<i>The volume of the course</i>	
<i>Type of lesson</i>	<i>Total number of hours</i> 30

Lectures					10
Seminars					10
Independent work					10
<i>Signs of the course</i>					
Specialty	Спеціальність	Курс (рік навчання)	Normative / selective		
I	221 Medicine	1	Normative		
<i>Course topics</i>					
Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline
Topic 1. Theoretical foundations of life safety.	Л 1	1-4,7	Abstract	15	According to the schedule
Topic 2. Man in the system "man - the environment".	Л 2	1-4,7	Abstract	15	According to the schedule
Topic 3. The value of the external environment in the system "man - the external environment".	Л 3	1-4,7	Abstract	15	According to the schedule
Topic 4. Ensuring the safety of human life.	Л 4	1-4,7	Abstract	15	According to the schedule
Topic 5. Food safety as a component of safe human life.	Л 5	1-4,7	Abstract	15	According to the schedule
Topic 1. Theoretical foundations of life safety.	C3 1	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Topic 2. Man in the system "man - the environment".	C3 2	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Topic 3. The value of the external environment in the system "man - the external environment".	C3 3	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Topic 4. Ensuring the safety of human life.	C3 4	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Final control - diff. test	ПК	1-7	Tests 2 hours	20	According to the schedule

6. Course evaluation system

The maximum number of points that a student can score for current educational activities 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. Students' independent work, 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 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-6point scale	120-point 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, 2	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	19	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 is 200 points, the minimum number of points is 120 points.

The grade "passed" is given to a student who worked systematically during the semester, showed sufficient knowledge of the study material, performed the tasks provided by the program, showed solid knowledge of the discipline and is able to update them independently during further study.

The grade "not credited" is given to a student who did not show sufficient knowledge of the basic program material, made fundamental mistakes in performing the tasks provided by the program, does not have the skills of independent work.

Assessment of individual student tasks

Points for individual tasks are awarded to the student only if they are successfully completed and defended.

The number of points awarded for different types of individual tasks depends on their scope and significance, but not more than 10-12 points. They are added to the amount of points earned by the student in the classroom during the current academic activity.

Assessment of students' independent work

Students' independent work, 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.

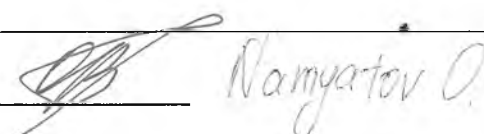
The minimum number of points that a student must score when studying the course - 120. The maximum number of points that a student can score for the current success in the study of this discipline - 200.

Practical training	Module 1
Classroom work (Content module 1)	
T 1-9	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	20
Test	10
Working in pairs	5
Abstract	10-12
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, tests, examination of abstracts), the results of the content module.

7. The policy of studying the discipline

The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess 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 assessments and more submitted theoretical and practical material.

Senior lecturer of the department

 Namyatov O.