PJSC "Higher Education Institution" INTERREGIONAL ACADEMY OF PERSONNEL MANAGEMENT"

Danube branch

SYLLABUS

of the academic discipline (selective)

LIFE SAFETY

Specialty **D3 Management**

Educational level: **First (bachelor's) level**

Educational program: **Management**

IAPM 2025

General information about the academic discipline

Name of the discipline	**Life safety**
Code and name of specialty	**D3 Management**
Level of higher education	First (bachelor's) level
Discipline status	Selective
Number of credits and hours	**3 credits / 90 hours.** Lectures: 20 Seminars/practical classes: 14 Students' independent work : 56
Terms of study of the discipline	2 semester
Language of instruction	Ukrainian
Type of final control	Pass/fail (credit)

General information about the teacher. Contact information.

Dorosheva Antonina Alexandrovna	
Academic degree	PhD in History
Position	Associate Professor of the Department of Social and Scientific Disciplines
Areas of scientific research	Historical and Cultural Foundations of the Formation of Civic Values and Security Culture in Modern Ukrainian Society
Links to the registers of identifiers for scientists	Google Scholar https://scholar.google.com.ua/scholar? ORCSD: https://orcid.org/0000-0003-3257-7173
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Instructor's portfolio on the website	https://izmail.maup.com.ua/assets/files/dorosheva-portfolio-a.pdf

Discipline's description.

The discipline "Life Safety" is a basic educational component that forms students' competencies to preserve life and health in conditions of increased risks. In today's realities, the course has been transformed from a theoretical overview of threats into a practical guide to survival. The discipline focuses on algorithms of actions in crisis situations (martial law, man-made disasters, household hazards) and first aid. After all, the leader is responsible not only for himself, but also for the safety of his team and customers.

The subject of the discipline is the regularities of the occurrence of hazards, their properties, impact on the human body, as well as the legal, organizational and technical foundations of human protection in the environment of his stay.

The aim of the discipline is to acquire theoretical knowledge and practical skills necessary for the identification of dangerous factors, risk assessment and implementation of effective measures to protect life and health in everyday activities and emergencies.

The objectives of the discipline include mastering the protocols of first aid (MARCH algorithm), studying the rules of mine safety and handling explosive objects, mastering the procedure for acting on civil protection signals, as well as understanding the psychology of people's behavior in crowds and stressful situations.

As a result of studying the selective educational component "Life Safety", applicants must:

Know:

- classification of natural, man-made and military emergencies;
- civil protection alert signals and the procedure for the actions of the population;
- algorithms for providing first aid for bleeding, trauma, burns and cardiac arrest;
- fire safety rules and methods of evacuation from the premises;
- signs of explosive objects and marking of dangerous areas.

Be able to:

- assess the situation and make decisions in conditions of time shortage;
- provide first aid (apply a tourniquet, do cardiopulmonary resuscitation, tampon wounds);
- use primary fire extinguishing equipment and personal protective equipment;
- organize the safe behavior of a group of people during evacuation;
- identify psychological signs of panic and counteract them..

Prerequisites for the discipline. The study of the discipline takes place in the second semester and is based on the general competencies acquired during high school, as well as on the results of the first semester. In particular, an important basis is the knowledge from the course "Introduction to the specialty "Management", which lays the foundations for understanding the responsibility of the manager, and the discipline "Philosophy", which forms a worldview understanding of the absolute value of human life.

Post-requisites for the discipline. The acquired competencies in life safety are cross-cutting in nature and serve as the necessary foundation for mastering the disciplines of senior courses. In particular, they are the basis for studying "Labor Economics and Social and Labor Relations" in the fifth semester in the aspect of labor protection, the course "Social Responsibility of Business" in the sixth semester to ensure safe conditions for stakeholders, as well as the discipline "Fundamentals of Business Safety" in the seventh semester, where the focus of attention shifts from the physical security of the individual to the comprehensive protection of the interests of the enterprise.

Content of the academic discipline

№	Topic name	Teaching Methods/Assessment Methods
Topic 1	Theoretical foundations of life safety	**Teaching Methods:** – the educational process is based on a combination of lectures and practical forms of education. Lectures are held in the format of review, problem lectures and visualization lectures (demonstration of personal protective equipment, video instructions on first aid and algorithms of actions during martial law) and are aimed at forming a sustainable culture of safety and survival. Practical classes are implemented in the form of trainings and workshops, which involve the development of physical skills first aid (stopping bleeding, CPR), acting on warning signals and using fire extinguishing equipment; – interactive teaching methods are used to form applied and life-saving competencies, in particular, simulation of emergencies (needle modeling of evacuation), analysis of real cases (case study) of accidents and catastrophes, work in small groups (practicing team interaction in rescuing victims), as well as the development of algorithms of actions in crisis conditions within the framework of independent work of students. **Assessment methods** Assessment is carried out according to the cumulative system and includes: - current control: oral questioning, express testing, solving situational problems and defense of individual tasks; - modular control: written modular control work (MCR) after the completion of the content block; - Final control: test (written work with theoretical tasks).
Topic 2	Man in the system "man – habitat"	
Topic 3	Natural hazards and natural disasters.	
Topic 4	Man-made hazards and their consequences	
Topic 5	Fire safety and explosion hazard	
Topic 6	Chemical and radiation safety	
Topic 7	Security under martial law	
Topic 8	Mine Safety and Explosive Ordnance Management	
Topic 9	Social Hazards and Information and Psychological Security	
Topic 10	First aid in emergency situations	
Module Assessment Task		
Final assessment: pass/fail (credit)		

Technical Equipment and Software.

Material and technical support of the educational process in the discipline "Life Safety" involves the use of specialized classrooms equipped with modern technical means of education, as well as library funds, including electronic resources.

Multimedia equipment is used to visualize educational material during lectures and seminars, including computer equipment and a multimedia projector. Practical and independent tasks, preparation for seminars and processing of educational materials are provided with access to the Internet via free Wi-Fi coverage.

Forms and methods of assessment.

The system of assessment of applicants' knowledge includes current and final (semester) control.

Current assessment is carried out systematically during practical and seminar classes in order to check the level of assimilation of theoretical foundations, the formation of

diagnostic and forecasting skills, as well as the ability to use specialized software for modeling and data analysis.

Forms of student participation in the educational process that are subject to ongoing control.

Students' participation in the educational process is realized through oral presentations, research presentations, reports based on the results of case studies, as well as active involvement in professional discussions and brainstorming. The written component of the work includes the performance of control and test tasks, the preparation of essays and notes based on the materials of lectures and independent study.

Methods of ongoing assessment include: The methodological toolkit of current control in the discipline "Life Safety" combines oral and written forms of assessment.

Oral control is carried out in the form of surveys, interviews and participation of applicants in seminar discussions.

Written types of work include the performance of individual and group tasks, the preparation of short written answers, reflective essays and the elaboration of situational tasks.

Assessment is also based on observing the activity of applicants during the discussion of problematic social situations, checking the results of presentations of individual or group tasks, as well as conducting express testing using open and closed tasks.

Grading system and requirements.

Table of distribution of points received by students*

Topics	Ongoing knowledge assessment						Final control		Total points
	Seminar 1 (Topic 1.2)	Seminar 2 (Topic 3,4)	Seminar 3 (Topic 5)	Seminar 4 (Topic 6.7)	Seminar 5 (Topic 8.9)	Seminar 6 (Topic 10)	Module assessment task	Pass /Fail	
Work in a seminar class	6	6	6	6	6	6	20	20*	100
Independent work	4	4	4	4	4	4			

*The table contains information about the maximum points for each type of educational work of a higher education applicant.

Assessment Criteria and Procedure

Assessment of students' educational achievements is carried out in accordance with the current Regulations on Assessment in a Higher Education Institution.

Modular Assessment. Modular Assessment (MA) is carried out at the final lesson of the content module in the form of written testing.

When evaluating the unit test, the volume and correctness of the tasks are taken into account:

– the grade "excellent" (A) is given for the correct completion of all tasks (or more than 90% of all tasks);

– a grade of "good" (B) is given for the completion of 80% of all tasks;

– a grade of "good" (C) is given for the completion of 70% of all tasks;

– the grade "satisfactory" (D) is given for the correct completion of 60% of the proposed tasks;

– the grade "satisfactory" (E) is given if more than 50% of the proposed tasks are correctly completed;

– "Unsatisfactory" (FX) grade is given if less than 50% of the tasks are completed.

Failure to appear for the unit test - 0 points.

The above scores are converted into rating points as follows:

"A" - 18-20 points;

"B" - 16-17 points;

"C" - 14-15 points;

"D" - 12-13 points.

"E" - 10-11 points;

"FX" - less than 10 points.

The final semester assessment in the discipline "Life Safety" is a mandatory form of assessment of students' learning outcomes. It is carried out within the terms determined by the curriculum and covers the amount of material determined by the course program.

The final assessment is carried out in the form of a test. A student who has completed all the necessary work is admitted to the semester assessment.

The final grade is given based on the student's learning outcomes during the semester. The student's assessment consists of points accumulated from the results of the current assessment and incentive points.

Students who have completed all the required tasks and received a score of 60 points or higher receive a grade corresponding to the grade received, without additional testing.

For students who have completed all the necessary tasks, but received a score below 60 points, as well as for those who want to improve their score (result), the teacher conducts the final work in the form of a test during the last scheduled lesson in the discipline in the academic semester.

Evaluation of Additional (Individual) Educational Activities

Additional (individual) types of educational activities include the participation of applicants in the work of scientific conferences, scientific circles of applicants and problem groups, preparation of publications, participation in All-Ukrainian Olympiads and competitions and International competitions, etc., in excess of the scope of tasks that are established by the relevant work program of the academic discipline.

By the decision of the department, students who participated in research work and performed certain types of additional (individual) types of educational activities can be awarded incentive (bonus) points for a certain educational component.

Independent Study Evaluation (Maximum — 4 points)

The total number of points received by a student for independent work is one of the components of academic success in the discipline. Independent work on each topic, according to the course program, is evaluated in the range from 0 to 4 points using standardized and generalized criteria for assessing knowledge.

Scale for evaluating the performance of independent work (individual tasks)

Maximum possible assessment of independent work (individual tasks)	Execution level			
	Excellent	Good	Satisfactory	Unsatisfactory
4	4	3	1-2	0

Forms of assessment include: current assessment of students' educational activities during practical (seminar) classes, in particular, checking the assimilation of theoretical material based on oral answers, participation in discussions, preparation of reports, messages and presentations.

Assessment also involves the performance of individual and group tasks, solving situational cases, preparing written works on topics of independent study, summarizing educational material and formulating conclusions.

Control of the level of assimilation of educational material is carried out by testing, performing written tests, as well as in the form of final control. The preparation of educational and scientific materials (abstracts, short reviews, etc.) is encouraged, which contributes to the development of skills for independent educational and professional activity.

To assess the learning outcomes of a higher education applicant during the semester, a 100-point, national and ECTS assessment scale is used.

Summary assessment scale: national and ECTS

Total points for all types of learning activities	ECTS assessment	National scale assessment	
		for exam, course project (work), internship	For pass/fail (credit)
90 – 100	A	excellent	pass
82 – 89	B	good	
75 – 81	C		
68 – 74	D	satisfactorily	
60 – 67	E		
35 – 59	FX	unsatisfactory with the possibility of reassembly	fail unsatisfactory with the possibility of retaking
0 – 34	F	unsatisfactory with mandatory re-study of the discipline	fail with mandatory re-study of the discipline

Discipline's Policy

Successful mastering of the educational component "Life Safety" requires high self-discipline and a responsible attitude to the educational process. Prerequisites are regular attendance of lectures and practical classes, active participation in classroom work, as well as timely and high-quality performance of all types of independent and control tasks provided for by the program. to eliminate academic debt by working out relevant topics.

An integral part of education is strict adherence to the norms of academic ethics and culture of behavior. The educational process is based on the principles of academic integrity, which involves the exclusive independent performance of all written works, reports and presentations. Any borrowings of thoughts or texts of other authors should be accompanied

by correct references to primary sources. Within the course of the course, any manifestations of academic dishonesty are unacceptable, including plagiarism, self-plagiarism, fabrication and falsification of data, cheating, deception, bribery or biased evaluation.

Recommended sources of information:

Basic literature:

1. Code of Civil Protection of Ukraine dated 02.10.2012 No. 5403-VI (Revision as of 12.09.2025). URL: https://zakon.rada.gov.ua/laws/show/5403-17#Text
2. On labor protection: Law of Ukraine of 14.10.1992 No. 2694-XII. URL: https://zakon.rada.gov.ua/laws/show/2694-12#Text
3. Life Safety: Textbook / [A.S. Belikov, V.A. Shalomov, S.V. Podkopaev et al.] ; under the general. Ed. Prof. Dnipro: Zhurfond, 2024. 240 p.
4. Life Safety and Labor Protection: Textbook / V. V. Sokurenko, O. M. Bandurka, S. M. Bortnyk et al. ; for general. Ed. V. V. Sokurenko; Kharkiv. Nats. Univ. vn. cases. Kharkiv: KhNUIA, 2021. 308 p.
5. Gryban V. G. Life Safety and Labor Protection: Textbook / V.G. Gryban, A.E. Fomenko, D.G. Kaznacheev. Dnipro: Dniprop. state. Univ. vn. cases, 2022. 388 p.
6. Melekh L. V. Safety of Life and Labor Protection. Manual. for applicants for higher education in the specialty 081 "Law" / L.V. Melekh. Lviv: Lviv State University of Internal Affairs, 2022. 219 p.

Additional literature:

1. Goblik V. V. Applied Sociology: Logistics and Research Methods: Teaching. manual / V. Goblik, T. Shcherban. Mukachevo: RVV MSU Publ., 2021. 108 p.
2. Karabin V. V. Classification of emergency situations of natural character of geological genesis / V.V. Karabin, I.M. Kordiaka. *Science and defense*. 2025. № 2. Pp. 27–30 URL:
3. https://sci.ldubgd.edu.ua/bitstream/123456789/17186/1/%d0%bd%d0%b0%d1%83%d0%ba%d0%b0%20%d1%96%20%d0%be%d0%b1%d0%be%d1%80%d0%be%d0%bd%d0%b0%20%20%d1%81%d1%82%d0%b0%d1%82%d1%82%d1%8f%20%d0%9a%d0%b0%d1%80%d0%b0%d0%b1%d0%b8%d0%bd%20%d0%9a%d0%be%d1%80%d0%b4%d1%96%d1%8f%d0%ba%d0%b0_25_2.pdf.
4. Lukashyk V. V. Definition and classification of emergency situations as accounting and legal categories / V.V. Lukashyk. Effective economy. 2023. №4. URL: https://nayka.com.ua/index.php/ee/article/view/1460/1470.
5. Carra, S., Bottani, E., Vignali, G., Madonna, M., & Monica, L. Implementation of Behavior-Based Safety in the Workplace: A Review of Conceptual and Empirical Literature. *Sustainability*. 2024. Volume 16 Issue 23. URL: https://www.mdpi.com/2071-1050/16/23/10195
6. Goulding, L. & McLeod, R. Spotlights: Understanding Human Behavior Following an Accident. *ACS Chemical Health & Safety*. 2023. №30. P. 3-6. URL: https://pubs.acs.org/doi/pdf/10.1021/acs.chas.2c00091?ref=article_openPDF
7. Zakaria, J., Che Rosmani Che Hassan, Hamid, M.D. & Sukadarin, E.H. The effectiveness of behavior-based safety observation program (BSOP) in the chemical manufacturing industry. *Process Safety Progress*. 2023. Volume 43, Issue 1. P: 52-62. URL: https://aiche.onlinelibrary.wiley.com/doi/10.1002/prs.12533

Information resources:

1. National Library of Ukraine named after V.I. Vernadsky. URL: http://www.nbuv.gov.ua/.
2. Life Safety and Labor Protection [Electronic resource] : Practicum on the Training Course / compiled by E. O. Mikhailova, O. F. Protasenko. Kharkiv: KhNEU named after S. Kuznets, 2025. 187 p. URL: https://repository.hneu.edu.ua/bitstream/123456789/35798/1/2025-%D0%9C%D0%B8%D1%85%D0%B0%D0%B9%D0%BB%D0%BE%D0%B2%D0%B0%20%D0%84.%D0%9E.%2C%20%D0%9F%D1%80%D0%BE%D1%82%D0%B0%D1%81%D0%B5%D0%BD%D0%BA%D0%BE%20%D0%9E.%D0%A4..pdf.
3. Actions of the population in case of a threat of committing a terrorist act Life safety. 2014. №9. URL:https://duikt.edu.ua/uploads/l_992_57776696.pdf.
4. Actions during the declaration of an emergency: everyone should know and be able to do it / V. Koval. URL: https://duikt.edu.ua/uploads/l_992_75806731.pdf.
5. Fundamentals of the organization of ensuring the life of the population in emergency situations / O.D. Gudovych et al. Life safety. 2014. №16. URL: https://duikt.edu.ua/uploads/l_992_73108080.pdf
6. How to provide first aid: an algorithm of actions for different types of injuries / N. Serhiychuk. Budni. URL: https://budni.robota.ua/career/yak-nadavaty-pershu-medychnu-dopomohu-alhorytm-diy-pry-riznyh-vydah-ushkodzhen
7. How not to get hurt in the crowd / P. Vevenko, Y. Vedmedenko. Life safety. 2014. №11. URL: https://duikt.edu.ua/uploads/l_992_61629529.pdf