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INTERNATIONAL
EUROPEAN UNIVERSITY



SCHOOL OF
MEDICINE

"Social Medicine, Public Health"
EPP – 222 "Medicine"

2024



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1	Name of the course and educational program
	"Social Medicine, Public Health" EPP – 222 "Medicine"
2	Course description
	The study of the discipline is modern theoretical and methodological foundations for the analysis and assessment of public health indicators, the development of recommendations for the prevention and elimination of the harmful effects of factors on health from the standpoint of evidence-based medicine
3	Background of study
	For the successful mastering of the discipline, a higher education applicant needs knowledge obtained in the process of studying the following disciplines of general training: "History of Ukraine with a course in the history of medicine", "Medical informatics", "Hygiene and ecology", "Bioethics and medical communications", "Principles of evidence-based medicine and methodology of scientific research".
4	Amount of credits/hours
	3 ECTS credits / 90 academic hours
5	Training format
	Blended learning
6	Classroom Location
	4th floor, auditorium. 409
7	Full name of the teacher
	Kovalenko Viktoriia , Ph.D., Associate Professor, Head of the Department of Fundamental and Medical Preventive Disciplines Moiseyeva Hanna , Doctor of Medical Sciences, Professor of the Department
8	Pulpit
	Department of Fundamental and Medical-Preventive Disciplines of the Scientific Research Institute "EMS"
	
9	Office Location
	Department of Fundamental and Medical-Preventive Disciplines of the Scientific Research Institute "EMS" Kyiv, Akademika Glushkova Ave., 42 V, office. 423



SYLLABUS



10

Counseling

Wednesday from 14:00 to 15:30 with prior appointment via corporate mail

11

Teacher's e-mail

victoriakovalenko@ieu.edu.ua
moiseievahanna@ieu.edu.ua

12

Course Objectives

The study of the course provides an opportunity for future specialists to gain the necessary knowledge, skills and acquire competence in the study, analysis and assessment of public health indicators; organization, resource provision and activities of the health care system, development of recommendations from the standpoint of evidence-based medicine to prevent and eliminate the harmful effects of factors on health and to improve the organization of medical care for the population in the public health system.

13

The role of the academic discipline in achieving program results

PLO 1. Have thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integration of knowledge. Be responsible for professional development, the ability to further professional training with a high level of autonomy.

PLO 2. Understanding and knowledge of basic and clinical biomedical sciences, at a level sufficient to solve professional problems in the field of health care

PLO 3. Specialized conceptual knowledge, including scientific achievements in the field of health care and is the basis for research, critical reflection on problems in the field of medicine and related interdisciplinary problems.

PLO 16. To form rational medical routes for patients; organize interaction with colleagues in their own and other institutions, organizations and institutions; to apply tools for promoting medical services in the market, based on the analysis of the needs of the population, in the conditions of functioning of a health care institution, its subdivision, in a competitive environment.

PLO 18. Determine the state of functioning and limitations of a person's life and duration of disability with the execution of relevant documents, in the conditions of a health care institution on the basis of data on the disease and its course, features of a person's professional activity, etc. Maintain medical records regarding the patient and the population contingent on the basis of regulatory documents.

PLO 19. Plan and implement a system of anti-epidemic and preventive measures for the occurrence and spread of diseases among the population.

PLO 20. Analyze the epidemiological state and carry out measures of mass and individual, general and local prevention of infectious diseases

PLO 21. To search for the necessary information in professional literature and databases and other sources, to analyze, evaluate and apply this information

PLO 22. Apply modern digital technologies, specialized software, statistical methods of data analysis to solve complex health care problems

PLO 23. Assess the impact of the environment on human health to assess the state of morbidity of the population.

PLO 25. Clearly and unambiguously convey their own knowledge, conclusions and arguments on health care problems and related issues to specialists and non-specialists.

PLO 28. Make effective decisions on health problems, assess the resources needed, take into account social, economic and ethical consequences

14

Learning outcomes

Upon completion of the course, the applicant for higher education will:

- know the theoretical foundations and modern principles of public health;
- determine and analyze morbidity indicators: general, infectious,
- develop accounting and reporting documents for the study of health indicators
- to know modern types of medical care for different categories of the population
- the most important socially significant diseases;
- operational functions of public health;
- screening programs for early detection of diseases and risk factors
- principles and methods of promoting a healthy lifestyle;
- Principles of prevention

15

Course Content

Content section 1. Public health, functions and services. Population health

Topic 1. Public Health, Operational Functions and Services

Topic 2. Public health: main determinants.

Topic 3. Medical and social problems of demographic processes. Methods of studying and evaluating indicators of natural movement.

Topic 4. Methods of studying and evaluating infant mortality rates.

Topic 5. Methods of Study and Assessment of Factors Affecting Public Health

Content section 2. Morbidity of the population

Topic 6. Morbidity of the population as a medical and social problem.

Topic 7. Methods of study and assessment of indicators of general morbidity.

Topic 8. Methodological foundations of the study of the burden of diseases. The importance of the results for the public health system.

Topic 9. Medical and social aspects of disability. Methods of calculation and analysis of disability indicators

Topic 10. Comprehensive Public Health Assessment

Content section 3. Ensuring the protection of public health

Topic 11. Environmental Public Health.

Topic 12. Prevention and cross-sectoral cooperation in the public health system.

Topic 13. Screening programs for early detection of diseases and risk factors.

Topic 14. Information and explanatory activities (advocacy) as an integral part of medical prevention

Topic 15. Health promotion. Types, forms and methods

16

Books and materials

1. Public Health: National Textbook / V. F. Moskalenko, O. P. Gulchiy, T. S. Gruzeva [et al.]; Editors: V. F. Moskalenko; Ministry of Health of Ukraine; National. honey. Univ. O. O. Bogomolets. – 3rd ed. – Vinnytsia: New Book, 2013. – 560 p., illus., table. (in Ukrainian).
2. Kaplan, Inc. Step 1. Lecture Notes. – Kaplan Medical, 2018. – 2567 p
3. Social Medicine and Organization of Health Care (for Students of Dental Faculties of Higher Medical Educational Institutions of Ukraine of the IV Level of Accreditation /Edited by V.F. Moskalenko. – Kyiv: Kniga Plus, 2010, – 328 p. (in Ukrainian).
4. Golyachenko O.M. Social Medicine and Health Care Organization. – Kyiv: VSV "Medicine", 2011. – 208 p. (in Ukrainian).
5. Collection of test tasks for state tests on hygiene, social medicine, organization and economics of health care / ed. V.F. Moskalenko, V.G. Bardov, O.P. Yavorovsky. – Vinnytsia: New Book, 2012. – 200 p. (in Ukrainian).



SYLLABUS



6. Moskalenko V. F. Methodology of Evidence-Based Medicine: Textbook / V. F. Moskalenko, I. E. Bulakh, O. G. Puzanov. – Kyiv: Medicine, 2014. – 199 p. : ill., tabl.

17 Technical requirements for working on the course

To work during the study of the discipline "Hygiene and Ecology", you need regular access to a computer (or phone) and the Internet.

To successfully study and pass the exam for the training course, you must first familiarize yourself with the distance platforms (Classroom or Moodle) and Labster, study all the folders on which there is already or step-by-step information or materials for studying the course. You will also need to upload and create documents, upload a completed task, watch a video or create one.

The ability to use remote platforms is possible only with the use of corporate mail.

If it is impossible to enter the course, you need to inform the management of the ESI EMS, or the headman, or directly the course teacher..

18 Learning process

The process of studying the course "Bioethics and Medical Communications" includes lectures and practical classes.

During the lectures, such teaching methods as *lecture; problem-oriented lecture, lecture-conversation, lecture-discussion, demonstration, case analysis in accordance with the topic of lectures will be used.*

During practical classes, such teaching methods as *surveys, testing, individual and team tasks, cases, exchange of ideas (think-pair-share), preparation of reports and presentations, work in small groups, solved specific tasks and situations, brainstorming (brainstorming, brainstorming) will be used*



19 Signs of discipline

Term of teaching	Semester	International Disciplinary Integration	Course year (training)	Cycles: General Training/ Professional Training/ Free Choice
1st semester	Semester 6	yes	3rd year	Professional training cycle

20 Grading Policy

Assessment of knowledge and skills during the semester is possible in various ways. The teacher assesses class attendance, activity during the practical lesson, discussion of control questions, quality and timely completion of tasks and tests, ability to present their report, performance

Activities during the semester	Maximum number of points during the semester
Current work (attendance, oral interview, participation in discussion) (20)	40 (2x20)



SYLLABUS



Solving situational problems (15)	75 (5x15)
Presentations (1)	5 (5x1)
Tests (15)	75 (5x15)
Test work (1)	5
Together	200

21 Grading scale

The maximum number of points that a student can score for current educational activities when studying the discipline is 200 points, the minimum number of points is 120 points.

The calculation of the number of points is carried out on the basis of the grades received by the student on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean, rounded to two decimal places.

The student receives credit at the last lesson in the discipline based on the results of modular control work and current assessment. Only those students who do not have academic debt and their average score for current academic activities in the academic discipline is at least 3.00 (120 points) are allowed to take credit. The average score for current activities is converted into points on a 200-point scale, according to the conversion table (Table 1). 1. Regulations on the organization of educational activities).

The learning outcome is also evaluated on a two-point scale (enrolled/not enrolled).

According to the national system	On a 200-point scale
Credited	from 120 to 200 points
not credited	less than 119 points



22 How to find out your score

To check your grades for assignments and read the teacher's comments, you should check the relevant tabs of the Classroom or Moodle distance learning platforms.

You can also get information about the grades received directly from the course teacher through corporate mail or by appointment on the days of consultations (room 423).

23 Course Policy

For productive educational and cognitive activities of students when studying the discipline, topical lectures are carried out in the form of presentations, group work, seminars-discussions.

During his stay on the territory of the IEU and in classes, the student must respect teachers, staff and other students, attend classes according to the schedule, come on time and not leave the classroom without the permission of the teacher. It is necessary to complete all academic tasks and work within the specified deadlines.

The teacher, in turn, must constantly improve his professional level, pedagogical skills, general culture, provide conditions for students to assimilate curricula at the level of mandatory requirements for the content, level and scope of education, promote the comprehensive professional development of students. It is imperative to adhere to the curriculum, not to be late for classes, to prevent any manifestations of corruption, discrimination, bullying, harassment and infringement of the rights of students.

A student who, for valid reasons, confirmed by documents, was not subject to current control, has the right to undergo current control within two weeks after returning to study.

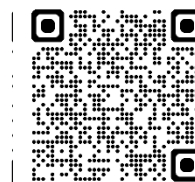
A student who was absent from classes without a valid reason, did not participate in current control measures, did not liquidate academic debt, is not allowed to the final semester control of knowledge in this discipline, and on the day of passing the exam in the exam sheet, the scientific and pedagogical worker gives a grade of "not admitted". Re-passing the exam in the discipline is assigned under the condition of performing all types



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of educational, independent (individual) work provided for by the working curriculum of the discipline, and is carried out in accordance with the liquidation schedule approved by the directorate. All participants in the educational process are guided by the principles of academic integrity.



24

Completing the task late, correcting grades, working out

Assignments must be submitted via Classroom or Moodle before the completion deadlines specified in the course schedule on our website. Most of the tasks must be completed by 09:00 on the day of the next lesson in order to align them with the content of the course and activities in the group. It is best practice to complete the assignment as soon as possible after receiving it so that you have enough time to actively participate in the class.

If you need more time to complete a task, flexible deadlines are available. Completed assignments are accepted for full credit until the last lesson in the discipline according to the schedule, after which a 40% partial credit based on the grade received will be awarded within a week after the last day of classes. Tasks that did not pass at all will receive 0.

If you plan to miss classes for more than one week due to illness or other reasons, please contact your instructor to arrange alternative assignment options.

Remember that deadlines work both ways, and meeting them will ensure that the instructor provides timely feedback on your assignments to ensure that you keep up with the course.



25

Teacher's response time

Through corporate mail, within a week.

26

Effective communication

Effective communication is not only about being able to speak, but also about being able to hear!!

Therefore, the main recommendations for effective communication are corporate e-mail directly with the course teacher; this is personal communication with classmates through social networks/corporate mails/mobile phones; this is communication directly on the course of distance platforms Classroom or Moodle; This is a face-to-face meeting with the teacher on the days of consultations.

27

Course Materials Publication and Distribution Policy

Students may not post, publish, sell, or otherwise publicly distribute course materials without the written permission of the instructor!

Such materials include, but are not limited to: lecture notes, lecture slides, video or audio recordings,



SYLLABUS



assignments, problem sets, exams, other students' papers, and answer keys.

Students who sell, post, publish, or distribute course materials without written permission for the purpose of obtaining answers or otherwise may be subject to disciplinary action, up to and including the requirement to refuse to study. In addition, students may not make video or audio recordings of classes for their own use without written permission from the instructor.

28

Expected workload and student engagement

For work in this course, hours are necessarily provided for independent study of materials and preparation for practical classes (approximately 5-6 hours per week).

If circumstances arise that force you to spend more time on any of the tasks, inform the teacher by e-mail.

An extension of the deadline is possible only if the teacher is informed in advance that you will not be able to submit the assignment on time. Students are expected to have a backup plan in case of computer failure or internet outages.

29

Support

Electronic schedule

Library

Repository

Directorate of the School Medicine

30

Course Schedule

Title of the lecture topic	Practical classes
Content section 1. Public health, functions and services. Public health	Topics 1 -5 1. Oral Survey 2. Practical tasks 3. Tests 4. Situational tasks 5. Checking the issues that are submitted for independent study
Content section 2. Morbidity of the population	Topics 6-9. 1. Oral Survey 2. Practical tasks 3. Tests 4. Situational tasks
Content section 3. Ensuring the protection of public health Only practical tasks are provided	Topics 10-15 1. Oral Survey 2. Practical tasks 3. Tests 4. Checking the issues that are submitted for independent study



SYLLABUS



31

Tips for successful study in the course

A modern person must master the art of healthy living, learn to preserve and strengthen his health and the health of the environment!

If you want to successfully master this subject, you must be:

- persistent, attentive and inquisitive;
- creative and cheerful, open for communication and discussion;
- ready to receive and share information on the subject not only at lectures, but also in extracurricular

time.

See you!