



FIȘA DISCIPLINEI

1. Date despre program

1.1.	UNIVERSITY OF MEDICINE AND PHARMACY “CAROL DAVILA” BUCHAREST
1.2.	FACULTY OF MEDICINE/ PRECLINICAL DEPARTMENT III – COMPLEMENTARY SCIENCES
1.3.	DISCIPLINA: PUBLIC HEALTH AND MANAGEMENT
1.4.	DOMENIUL DE STUDII: HEALTH - regulated sectorally in EU
1.5.	CICLUL DE STUDII: LICENCE
1.6.	PROGRAMUL DE STUDII: MEDICINE

2. Date despre disciplină

2.1.	Denumirea disciplinei: PUBLIC HEALTH AND MANAGEMENT						
2.2.	Titularul activităților de curs:						
2.3.	Titularul activităților de seminar:						
2.4. Anul de studiu	V	2.5. Semestrul	IX și X	2.6. Tipul de evaluare	Exam	2.7. Regimul disciplinei	Compulsory DS

3. Timpul total estimat (ore/semestru de activitate didactică)

3.1. Nr ore pe săptămână	16	3.2. Din care curs :	8	3.3. Din care seminar :	8
3.4. Total ore din planul de învățământ	64	3.5. Din care curs:	32	3.6. Din care seminar :	32
Distributia fondului de timp					hours
Studiul după manuale, cărți și tratate prezente în bibliografie, suport de curs, bibliografie și notițe					
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					
Pregătire seminarii / laboratoare, teme, referate, proiect					
Tutoriat					
Examinări					
Alte activități					
3.7. Total ore de studiu individual					
3.9. Total ore pe semestru					
3.10. Numărul de credite					3

4. Precondiții (acolo unde este cazul)

4.1. de curriculum	Basic notions of MSC, biostatistics
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4.2. de competențe	Digital competences,
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5. Condiții (acolo unde este cazul)

5.1. de desfășurare a cursului	Not necessary
5.2. de desfășurare a seminarului / laboratorului	Not necessary

6. Competențe specifice acumulate

Competențe profesionale (exprimate prin cunoștințe și abilități)	• To use quantitative and qualitative data for describing, analyzing and surveillance of public health and to use the current system for socio-demographic and health information for assessing the health status and health services • to identify and to hierarchize health problems at population level and to design interventions in order to prevent and combat diseases, using epidemiological and economic criteria; • to design and to implement health promotion interventions and preventive strategies for communicable and non-communicable diseases, including the issue of vulnerable groups. • to get acquainted with the main methods of medical and economic evaluation and health technologies assessment in order to be able to choose the most appropriate methods of preventive and curative treatment.
Competențe transversale (de rol, de dezvoltare profesională, personale)	• to be able to appreciate in a holistic approach the steps needed to achieve a health care management process; • to identify roles and responsibilities in a case-solving team and coordinate case management by applying appropriate communication techniques; • to properly use communication and training resources (portals, applications, databases) for professional development.

7. Obiectivele disciplinei (reieșind din grila competențelor specifice acumulate)

7.1. Obiectivul general	Development of a specialty culture, implying the development of students' knowledge and practical skills in the field of public health.
7.2. Obiective specifice	1. Development of knowledge and abilities for health assessment, using epidemiological and research methods in public health, 2. Knowing the tools needed to design health promotion and disease prevention interventions, and to understand and manage the vulnerable population groups issue, 3. Understanding the notions of health services management, economic evaluation, medical technology assessment and health policy elements.

8. Conținuturi

8.1. Curs	Metode de predare	Observații
1-2. Health status, health determinants and health status measurement indicators. Health status of the Romanian population. Sources of morbidity. Strategic international documents related to health	- Lecture - Interactive exposition of the material according to the analytical program, using multimedia / projector, PowerPoint presentations, didactic films - For all courses, there is an up-to-date electronic support in the form of ppt presentations, displayed on the faculty website; - A library and a licensed laboratory are available at the discipline	4 h
3-4. Demography: framework, basic concepts, measure, trends for main demographic phenomena, measurement, comparison, analysis. Natality, Fertility, Family: types and characteristics, family planning. Mortality. Special types of mortality phenomena: infant mortality, under 5 mortality, and maternal mortality.		4 h
5. Morbidity. Mass medical examinations. Screening Programs		2 h
6-9. Epidemiology of health and disease. Fields of application and characteristics of different types of surveys: descriptive, analytic and interventional studies.		8 h
10 – 13. Health Promotion and Preventive Medicine – health education and preventive strategies. Communicable and non-communicable diseases. Health inequalities in vulnerable groups.		8 h
14. Basis of health management Functions, roles, skills and principles of management applied to health services		2 h
15. Health systems – principles, goals, functions, organization, financing.		2 h
16. Elements of health economics. Economic evaluation. Health technology assessment.		2 h

8.2. Laborator	Metode de predare	Observații
1 – 2. Research methodology in health Data analysis and results presentation.	Practical applications, tests and psychological assessment tools, case studies, databases analyse, critical reading abstracts and articles, papers, literature reviews, debates, heuristic conversation, group work, individual study. The micro projects are developed by team work.	4 h
3-5. The analysis of the main demographic phenomena. Birth notification and information circuit. Natality and fertility - measurement and analysis Death notification and information circuit. Mortality - measurement and analysis Infant Mortality measurement and analysis		6 h
6-7. Epidemiometric measurement of risks, epidemiologic association and impact of risk factors in population Clinical epidemiology. Design of the experimental studies.		4 h
9. Validity and prediction for diagnosis and screening tests.		2 h
10. Morbidity- notification and measurement.		2 h
11. Perceived health status.		2 h
12. Health system financing.		2 h
12-15. Applying the health methods and methodology in micro-group research. Anexa 1 – List of the main research projects.		8 h
16. Scientific communication (discussion of micro-group research projects)		2 h

Bibliography for lectures and seminars:

1. Florentina Ligia Furtunescu, Dana Galieta Mincă (coord). Public Health and Management. Textbook for practicals. Medicine English Programme. Ed univ. Carol Davila, 2016, ISBN: 978-373-708-938-0
2. R. Bonita, R. Beaglehole, T. Kjellström. Basic epidemiology. Second edition.
3. WHO. Definition of health. <http://www.who.int/about/definition/en/print.html>

Additional readings:

4. Merrill R. Fundamentals of Epidemiology and biostatistics. Combining the basics. Jones & Bartlett Learning. Chapters 1, 2, 4, 10, 11, 12, 14.
5. WHO. Health in All Policies. Geneva. 2014.
6. WHO. Health promotion Glossary. Geneva. 1998 (and subsequent update)
7. WHO. Health 2020: a European policy framework supporting action across government and society for health and well-being
8. WHO. Global action plan for the prevention and control of NCDs 2013-2020. Available at: <http://www.who.int/nmh/publications/ncd-action-plan/en/>
9. OECD. Health at a Glance. Europe 2016. State of Health in the EU Cycle. OECD Indicators. Available at : http://www.keepeek.com/Digital-Asset-Management/oecd/social-issues-migration-health/health-at-a-glance-europe-2016_9789264265592-en#.WdNCXDBRWUk
- 4.

9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului

The student of the 5th year in Public Health and Management discipline is familiar with the application of the research methods, demographic and epidemiometric techniques at the population level, in order to identify and rank the health problems in the population and implicitly at the individual level. Also, the student's training aims at getting acquainted with the global, population and integrative approach that is imperative for strengthening clinical knowledge and skills, for the adequate, holistic clinical case management and for ensuring the continuity of the medical act.

Student training aims to develop an understanding of the role and functions of the health system and of the organization and functioning of health systems, implicitly of specific legislation, so that the future physician to make the right decisions on case management at different levels of healthcare and working in a multidisciplinary team.

The content of the discipline is in line with the requirements of the professional association and employers.

10. Evaluarea

Tip de activitate	10.1. Criterii de evaluare	10.2. Metode de evaluare	10.3. Pondere din nota finală
10.4. Curs	- Appropriate assimilation of the notions presented and correct understanding of their meaning	-written exam - definition of a fundamental notion (10%) - solving 30 multiple choice questions (25% + 25%)	60%
10.5. Seminar / laborator	- Correct answers to the case studies, practical applications	- written exam – questionnaire, 4 case-studies.	30%
10.5.1. Proiect de microgrup	Development of a primary research working in micro-groups, using	- oral presentation of the research results, having a ppt presentation as suport	10%

	appropriate methodology and techniques Analyse the data gathered using the appropriate methods The presentation of the results in accordance with the defined objectives and using the correct graphic design techniques	- development of a written study report	
Standard minim de performanță			
• Meeting the minimum criteria for acceptance of the microgroup project • Correctly solving at least 50% of the Multiple Choice Q section of the written questionnaire. Mandatory condition for promotion. • Correctly solving at least 50% of the case study section of the written questionnaire. Mandatory condition for promotion.			

Data completării:

Semnătura titularului de curs

Semnătura
laborator

titularului de

20 septembrie 2017

Data avizării în Consiliul

Departamentului:

19 septembrie 2017

Semnătura directorului de departament