

COURSE DESCRIPTION

Discipline Name: Public Health

Course Instructor: Professor Dr. Daniela Mănuș

Study Year: 4th year

Number of hours per week/Assessment/Credits		
Lecture	Examination	Credits
4	Exam	15

A. OBJECTIVES:

General Objective of the Discipline:	<ul style="list-style-type: none"> • understanding the concept of public health and its main domains and subdomains • developing general and operational objectives for the organization/department
Specific Objectives:	<ul style="list-style-type: none"> • identifying and prioritizing public health issues • developing a public health plan/program at the institutional/regional/national level • developing specific and operational objectives for the organization/department

B. CONDITIONS (where applicable)

Course implementation	<ul style="list-style-type: none"> •
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C. SPECIFIC ACCUMULATED COMPETENCIES:

Professional competencies	<ul style="list-style-type: none"> • developing the ability to apply public health concepts in the healthcare field • analyzing and interpreting public health data obtained from the healthcare system • undertaking multi/interdisciplinary projects to address specific issues in the field, with accurate assessment of workload and available resources • conducting studies in the field of public health, followed by disseminating the results to the community, public authorities responsible for public health • actively participating in the development of legislation in the field of public health or in areas that may have implications for public health • monitoring the correct implementation and integration of legislation in the specific field and the results obtained
Transversal competencies	<ul style="list-style-type: none"> • developing the ability to make public health decisions within a team/institution • enhancing the capacity to work in a team using public health principles • fostering the ability to collaborate with all stakeholders involved in public health

	<ul style="list-style-type: none"> identifying roles and responsibilities within a multidisciplinary team and applying techniques for effective communication and teamwork
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D. CONTENTS OF THE COURSE:

a) Course

Chapter	Contents	Number of hours
1. Measurement and evaluation of health status and its determinants	1.1) Introduction to public health. 1.2) Demography. 1.3) Assessment of disease burden. 1.4) Morbidity, incidence, prevalence. 1.5) Quality of life. 1.6) Models of determinants of population health. 1.7) Social science methods used in measuring health status and influencing factors.	20
2. Research methods in health services	2.1) Types of health services and types of health service providers. 2.2) Data sources for health service analysis and types of indicators. 2.3) Evaluation of health service quality. 2.4) Types of studies, data collection techniques, use of sampling. 2.5) Presentation of health service research results. 2.6) Designing and testing a data collection instrument. 2.7) Developing an instrument for measuring quality. 2.8) Assessing patient satisfaction with the services of a healthcare institution: hospital, primary care center, medical office, etc.	28
3. Bioethics	3.1) Professional secrecy in medical practice. Confidentiality in medical practice. 3.2) Ethics of publication. Good publication practices. Academic integrity. 3.3) Ethics of scientific research involving human subjects and academic integrity in research. 3.4) Stages of development and ethical regulation of scientific research. International and national ethical documents governing research practice.	4
4. Ethics of population-level health policies	4.1) Ethical aspects of multicenter, multinational research. 4.2) Inappropriate scientific behavior, conflict of interest in scientific research. 4.3) International policies on universal coverage.	4
Total hours		56

E. EVALUATION

Type of activity	Evaluation criteria	Evaluation methods	Percentage of final grade
Course	Acquired knowledge	Written exam	55%
Seminar	Activity	Presented case studies	45%
Minimum performance standard: Knowledge of 70% of the information contained in the course.			

The results of the discipline evaluation are expressed by the following ratings: "Very good"; "Good"; "Satisfactory"; "Unsatisfactory". The ratings of "Very good," "Good," and "Satisfactory" allow the doctoral student to obtain the credits.

F. METHODOLOGICAL GUIDELINES

Lecture combined with dialogue. Use of modern instructional tools (PowerPoint). Course materials.

G. ALIGNMENT OF DISCIPLINE CONTENT WITH THE EXPECTATIONS OF REPRESENTATIVES OF THE EPISTEMIC COMMUNITY, PROFESSIONAL ASSOCIATIONS, AND REPRESENTATIVE EMPLOYERS IN THE RELEVANT FIELD OF THE PROGRAM

- The discipline provides a broad knowledge base of fundamental and practical aspects regarding modern and sustainable methods of information characterization with applications in the field of public health.
- The discipline offers basic elements that assist the doctoral student in the specialty of Public Health.

H. BIBLIOGRAPHY

1. Dana Galieta Mincă, Dan Enăchescu, Mihai Grigorie Marcu, Adriana Vasile, Florentina Furtunescu, Dana Dragomir, Eugenia Claudia Bratu, Alin Popescu, Carmen Țereanu. *Sănătate publică și management sanitar. Sănătate publică. Curs pentru studenții Facultății de medicină.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2005. (ISBN 973-708-042-4)
2. Dana Galieta Mincă, Florentina Furtunescu. *Metode și instrumente în cercetarea operațională.* Bucharest: Exclus Publishing, 2012. (ISBN 978-606-93255-3-7)
3. Dana Galieta Mincă, Mihail Grigorie Marcu. *Sănătate publică și management sanitar. Note de curs pentru învățământul postuniversitar. Ediția a doua revizuită.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2005. (ISBN 973-708-093-9)
4. Daniela Manuc. *Etica profesiilor medicale in relatia cu pacientii.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2011. (ISBN: 978-973-708-334-0)
5. Daniela Mănuș. *Cabinetul medico-dentar. Sănătate publică și management.* Bucharest: Viața Medicală Românească, 2006. (ISBN 973-8437- 77-6)
6. Domnariu CD, Ilies A, Furtunescu FL. *Influence of family Modelling on Children' Healthy Eating Behavior.* Revista de Cercetare si Interventie Sociala, 2013 Jun;41:77- 95. ISSN 1583-3410 (print) ISSN 1584-5397 (electronic)
7. Elena-Mihaela Carausu, Daniela Manuc. *Managementul sanatatii. Ghid de lucrari practice pentru studentii Facultatii de Medicina Dentara.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2014.
8. Florentina Furtunescu, Adriana Galan, Alexandra Cucu (coord). *România. Profilul stării de sănătate pe baza indicatorilor comunitari ECHI.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2012. (ISBN 978-973-708-650-1)
9. Florentina Ligia Furtunescu, Dana Galieta Mincă. *Managementul serviciilor de sănătate. Abordare prin proiecte. Ediția a doua revizuită și completată.* Bucharest: Carol Davila University of Medicine and Pharmacy Publishing House, 2010. (ISBN 978-973-708-446-0)

Course Instructor

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