

DISCIPLINE SHEET**ACADEMIC YEAR****2022 – 2023****1. DATA ABOUT THE STUDY PROGRAM**

1.1 Higher education institution	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	5
1.4 Field of study	HEALTH
1.5 Cycle of studies	LICENSE
1.6 Study program/qualification	MEDICINE

2. DISCIPLINE DATA

2.1 Name of the discipline	PUBLIC HEALTH AND SANITARY MANAGEMENT		
2.2. Discipline Code	MED6109		
2.3 The holder of the course activities	Mugurel Ghelase / Andreea Golli / Manuela Dragomir / Monica Cara		
2.4 Seminar holder	Manuela Dragomir / Monica Cara		
2.5. Teaching degree	Course: Prof./ Assoc. Prof./ Lecturer / Assistant Seminar: Lecturer/Assistant Prof		
2.6. Framing (basic/associate)	The basic norm		
2.7. Year of study	VI	2.8. Semester	I
2.9. Type of discipline (content)		2.10. Discipline regime (mandatory)	
		CDD	

3. TOTAL ESTIMATED TIME (hours per semester of teaching activities)

3.1 Number of hours per week	2	3.2 of which: course	1	3.3 Seminar/laboratory	1
3.4 Total hours of the curriculum	28	3.5 of which: course	14	3.6 Seminar/laboratory	14
Time found distribution (hours)					
Study by manual, textbook, course support, bibliography and notes					10
Additional documentation in the library, on specialized electronic platforms and in the field					10
Preparation of seminars/laboratories, themes, papers, portfolios and essays					10
Tutoring					-
Examination					9
Other activities, consultations, student circles					8
3.7 Total hours of individual study	47				
3.9 Total hours per semester	75				
3.10 Number of credits	3				

4. PREREQUISITES (where appropriate)

4.1 Curriculum	-
4.2 Competencies	-

5. CONDITIONS (where appropriate)

5.1. of course deployment	Lecture Hall with video projector / online
5.2. of seminary/ lab deployment	Seminary Hall with video projector and white board / online

6. ACQUIRED SUBJECT-SPECIFIC COMPETENCES

PROFESSIONAL COMPETENCES	C1 - Interpreting population and health measurements using indicators such as: rate, proportion, incidence, prevalence, risk rates
	C2 - Knowledge on the main levels of prevention and preventive strategies;
	C3 - Correct assessment of the risk of disease or the context of an individual/collective illness, followed by the choice and application of appropriate prophylaxis measures.
	C4 - Approaching health/disease problems from the perspective of community peculiarities, in direct relation to the social, economic and/or cultural conditions specific to that community.
	C5 - Calculation and interpretation of the sensitivity, specificity and predictive values of a screening test;
	C6 - Initiation and carrying out of a scientific and/or formative research activity in its field of competence
	C7 - Efficiently and effectively performing managerial tasks imposed by certain professional roles

TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> • acquiring moral reference points, forming professional and civic attitudes, allowing students to be fair, honest, non-confrontational, cooperative, understanding of suffering, available to help people, interested in community development; • to know, respect and contribute to the development of moral values and professional ethics; • to learn to recognize a problem when it arises and to provide responsible solutions for solving it. <p>CT2. Social interaction;</p> <ul style="list-style-type: none"> • to recognise and have respect for diversity and multiculturalism; • have or learn to develop their teamwork skills; • to communicate orally and in writing the requirements, the way of working, the results obtained, to consult with the team; • to get involved in volunteering, to know the essential problems of the community. <p>CT3. Personal and professional development</p>
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7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	Familiarize students with public health and health management issues in order to develop cognitive and behavioral skills that allow an optimal preventive and diagnostic approach of health in population groups.
7.2 Specific objectives	<p>Through the curricula adapted to European quality standards, through the teaching and assessment methods used and involving students in research, the discipline of Public Health and Health Management aims to develop cognitive skills, abilities and attitudes that form the basis of any medical act, whether it is preventive, diagnostic, curative or rehabilitative.</p> <p>Upon completion of the course students will be able to acquire</p> <p>COGNITIVE ABILITIES that will allow them to:</p> <ul style="list-style-type: none"> • Understand the history and philosophy of public health as well as its core values, concepts, and functions across the globe and in society • Describe the approaches and interventions which focus on the major health-related needs and concerns of populations • Describe the basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy • Use of research tools and analytic methods to critically analyze, monitor, and assess the health status of populations and current public health related issues • Evaluate the impact of policies and legislation on individual and population health • Explain the fundamental characteristics and organizational structure of the healthcare systems as well as the differences between systems • Use the basic concepts of public health-specific communication • Explain the interrelationships between a multitude of factors that can impact on a public health problem, including scientific, medical, environmental, cultural, social, behavioral, economic, political, and ethical factors. <p>PRACTICAL SKILLS</p> <ul style="list-style-type: none"> • Review and evaluate public health reports and research articles. • Apply public health concepts, principles, and methodologies obtained through formal course work to actual problems experienced in the community or work environment. • Apply ethical standards and professional values as they relate to the practice of public health. • Be able to assess, manage, and communicate issues related to social and cultural diversity factors in public health • Critically apply social and behavioral theory to analyze determinants and correlates of public health problems at the intrapersonal, interpersonal, and community levels. • Identify, describe, and analyze the effects of social, cultural, and behavioral factors on the health of population • Apply social and behavioral theories in the design, implementation, and evaluation of disease prevention and health promotion programs. • Organize themselves for practical activities: forming a team, assigning tasks, collaborating, communicating requirements, preparing materials, recording results, communicating results, discussions within the team; • Use specific teaching materials and equipment provided by the Public Health laboratory; <p>ATTITUDES</p> <ul style="list-style-type: none"> • the acquisition of moral reference points, the formation of professional and civic attitudes, that will allow to the students to be fair, honest, helpful, understanding, unconflictual, to cooperate and to be comprehensive in the face of suffering, to be available to help people, and to be interested in community development; • to know, to respect and to contribute to the development of moral values and professional ethics;

	<ul style="list-style-type: none"> • to learn how to recognize when a problem arises and to provide solutions for solving it; • to recognize and to have respect for diversity and multiculturalism; • to have or to learn how to develop teamwork skills; • to communicate orally and in writing the manner of work requirements, the results obtained, to consult with the team; • to engage in voluntary activities, to know the essential problems of the community; • to have the opening for lifelong learning; • to be aware of the need of self-study as a basis of personal autonomy and professional development; • to derive the optimum and creative potential in their own collective activities; • to know how to use information and communication technologies. • to take initiative, to engage in educational and scientific activities of the discipline.
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8. CONTENTS

8. 1 Course (content units)	Nr. hours
1. Public Health - definition, goals, mission, main functions, fields of intervention, principles, moments of reference, achievements, trends, and threats. Determinants of Health.	2
2. Communicable diseases as a public health problem	2
3. Non-communicable diseases as a public health problem.	2
4. Health promotion and preventive medicine. Disease prevention - definition, purpose, levels of prevention.	2
5. Epidemiological studies	2
6. Health systems: models, principles, functions, organization, financing, advantages, disadvantages. Organization of medical assistance in Romania. Primary, secondary and tertiary medical assistance	2
7. The basics of health management: functions, roles, principles of management in health services	2
BIBLIOGRAPHY	
1. Public Health and Health Management lecture presentations, 2022-2023	
2. Golli Andreea, PatruEmilia – Indreptar de sanatate publica si management – lucrari practice, EdituraMedicalaUniversitara, Craiova, 2009.	
3. Dragomir Manuela, Ghelase M, Dinescu S - Sanatate Publica, DemografiesiEpidemiologie, Edituramedicalauniversitara Craiova, 2005.	
4. Roger Detels, Martin Gulliford, QuarraishaAbdoolKarim ,ChorhChuan Tan - Oxford Textbook of Public Health, Oxford University Press, 2015.	
5. Theodore H. Tulchinsky, Elena A. Varavikova – The New Public Health 3rd Edition, Elsevier Academic Press, 2014	
6. Ann Aschengrau, George R. Seage - Essentials of Epidemiology in Public Health 4th Edition, Jones & Bartlett Learning, 2018.	
7. David D Celentano, MoysesSzklo-Gordis Epidemiology 6th Edition, Elsevier , 2018.	
8. World Health Organisationwww.who.int	
9. European Commission – Public Health Portal https://ec.europa.eu/health/home_en	
10. Ministry of Public Health http://www.ms.gov.ro/	
11. National Institute of Public Health http://www.insp.gov.ro/	
8.2 Practical work (topics/themes)	Nr. hours
1. Population statics. Age pyramid.	2
2. Population dynamics. Natality and fertility: measurement and analysis	2
3. Mortality measurement and analysis. General and specific mortality rates.	2
4. Infant and maternal mortality measurement and analysis	2
5. Morbidity measurement. Incidence and prevalence rates.	2
6. Epidemiological studies.	2
7. Screening programs.	2

BIBLIOGRAPHY	
1.	Public Health and Health Management lab presentations, 2022-2023
2.	Golli Andreea, Patru Emilee – Indreptar de sanatate publica si management – lucrari practice, Editura Medicala Universitara, Craiova, 2009.
3.	Dragomir Manuela, Ghelase M, Dinescu S - Sanatate Publica, Demografie si Epidemiologie, Editura medicala universitara Craiova, 2005.
4.	Roger Detels, Martin Gulliford, Quarraisha Abdool Karim ,ChorhChuan Tan - Oxford Textbook of Public Health, Oxford University Press, 2015.
5.	Theodore H. Tulchinsky, Elena A. Varavikova – The New Public Health 3rd Edition, Elsevier Academic Press, 2014
6.	Ann Aschengrau, George R. Seage - Essentials of Epidemiology in Public Health 4th Edition, Jones & Bartlett Learning, 2018.
7.	David D Celentano, Moyses Szklo -Gordis Epidemiology 6th Edition, Elsevier , 2018.
8.	World Health Organisation www.who.int
9.	European Commission – Public Health Portal https://ec.europa.eu/health/home_en
10.	Ministry of Public Health http://www.ms.gov.ro/
11.	National Institute of Public Health http://www.insp.gov.ro/

9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

- The discipline is mandatory and necessary for a student to become a medical doctor.

10. METHODOLOGICAL LANDMARKS

Types of activity	Teaching Techniques / learning materials and resources:
Course	The following combined methods are used: lecture, heuristic conversation, debate, problematization. In case of occurrence of special situations (states of alert, states of emergency, other types of situations that limit the physical presence of people) the activity can also be carried out online using computer platforms agreed by the faculty / university. The online education process will be adapted accordingly to ensure the fulfillment of all the objectives set out in the subject sheet
Practical work	The following combined methods are used: practical applications, case study, projects. In case of occurrence of special situations (states of alert, states of emergency, other types of situations that limit the physical presence of people) the activity can also be carried out online using computer platforms agreed by the faculty / university. The online education process will be adapted accordingly to ensure the achievement of all the objectives set out in the subject sheet
Individual study	Before each course and seminar

11. RECOVERY PROGRAM

Absences recoveries	No of absences that can be recovered	Location of deployment	Period	In charge	Scheduling of topics
	3	Room 715 / 717	the week before examination session	Discipline academic staff.	Depending on student needs and availability
Schedule consultations /	2 hours/week/	Room 715 / 717	weekly	Discipline academic staff.	theme of the week
Students' Scientific Program	2 hours/week/	Room 715 / 717	weekly	Discipline academic staff.	theme of the week

12. EVALUATION

Activity	Types of assesment	Method of evaluation	Percentage from final grade
Course	Formative assessment through essays, projects and survey during the Semester Summative during the exam	Multiple Choice Questions Answering System (MCQ)/MCQ with the help of the IT platform in the online version.	60%
Practical work	Formative assessment through Multiple Choice Questions Answering System (MCQ) or/and descriptive, projects, survey during the semester. Periodic assessment during the semester Summative assessment during the exam,	Multiple Choice Questions Answering System (MCQ) simultaneously with the one from the course / with the help of the video platform in the online version.	30%

Periodic assesment			10%
Evaluation of individual activity			10%
Minimum performance standard	Minimum 50% for each component of the assessment		
13. GUIDANCE AND COUNSELLING PROGRAMS			
Professional guidance and counseling programs (2 hours/month)			
Scheduled hours	Location		In charge
Every last Friday of the month	Room 715 / 717/online		Lecture holders

Date of approval in the department: 27.09.2022

**Department Director,
Assoc. prof
Constantin KAMAL**

**Study program coordinator,
Prof.
Marius Eugen CIUREA**

**Discipline Holder,
Prof.
Mugurel Ștefan GHELASE**