



# Public Health

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2022/2023
<b>Department</b>	Faculty of Dental Medicine
<b>Field of study</b>	English Dentistry Division
<b>Main scientific discipline</b> <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical sciences
<b>Study Profile</b> <i>(general academic / practical)</i>	General academic
<b>Level of studies</b> <i>(1<sup>st</sup> level / 2<sup>nd</sup> level / uniform MSc)</i>	Uniform MSc
<b>Form of studies</b>	Full-time program
<b>Type of module / course</b> <i>(obligatory / non-compulsory)</i>	Obligatory
<b>Form of verification of learning outcomes</b> <i>(exam / completion)</i>	Completion
<b>Educational Unit / Educational Units</b> <i>(and address / addresses of unit / units)</i>	Department of Epidemiology and Biostatistics 3 Oczki street, 02-007 Warszawa, phone.: +48 22 621 0243 e-mail: <a href="mailto:epidemiologia@wum.edu.pl">epidemiologia@wum.edu.pl</a>

<b>Head of Educational Unit / Heads of Educational Units</b>	Dr hab. Joanna Peradzyńska
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## 2. BASIC INFORMATION

<b>Year and semester of studies</b>	1st year, 2nd semester	<b>Number of ECTS credits</b>	2
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)	3 (3 in the form of e-learning: MS Teams)	0,1	
Seminar (S)	24	0,8	
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
<b>Unassisted student's work</b>			
Preparation for classes and completions	33	1,1	

## 3. COURSE OBJECTIVES

O1	To gain the knowledge on theory and practice of public health.
O2	To acquire the ability to analyze factors influencing the structure and process of health care, taking into account legal regulations and economic mechanisms.

O3	To prepare for adjudication of temporary incapacity to work and for issuing relevant certificates.
<b>4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING</b> (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)	
<b>Code and number of effect learning in accordance with standards of learning</b> <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	<b>Effects in time</b>
<b>Knowledge – Graduate* knows and understands:</b>	
<b>G.W1.</b>	concept of public health and the objectives, tasks and structure of the public health system
<b>G.W5.</b>	methods of determining the health needs of the society
<b>G.W6.</b>	health situation in Poland and in the world
<b>G.W7.</b>	strategy of health and social policy of the Republic of Poland and the European Union
<b>G.W8.</b>	organizational and legal aspects of the functioning of the Polish health care system
<b>G.W11.</b>	principles of the functioning of primary health care
<b>G.W26.</b>	patient's rights
<b>G.W29.</b>	legal provisions relating to the conduct of activities in the field of healthcare
<b>G.W32.</b>	rules for adjudication of temporary inability to work, inability to work for disability pension purposes, as well as disability
<b>Skills– Graduate* is able to:</b>	
<b>G.U1.</b>	analyse data on the health status of the population, epidemiological data and use it to determine the health status of the population
<b>G.U2.</b>	describe selected health phenomena on a population scale and forecast their impact on the functioning of the health care system
<b>G.U3.</b>	assess the scale of health problems and indicate health priorities and define their importance in health policy
<b>G.U4.</b>	analyse the conditions of the epidemiological risk in terms of social and demographic processes
<b>G.U6.</b>	identify factors influencing the state's health policy
<b>G.U8.</b>	analyse various systems of financing health services in the Republic of Poland and other countries
<b>G.U24.</b>	apply legal regulations concerning the profession of a dentist
<b>G.U26.</b>	keep medical records
<b>G.U27.</b>	issue medical certificates

\* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

<b>5. ADDITIONAL EFFECTS OF LEARNING</b> ( <i>non-compulsory</i> )	
<b>Number of effect of learning</b>	<b>Number of effect of learning</b>
<b>Knowledge – Graduate knows and understands:</b>	
<b>Skills– Graduate is able to:</b>	
<b>Social Competencies – Graduate is ready for:</b>	

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Lectures	1. Organizational and legal aspects of the functioning of the Polish health care system - goals, tasks and structure of the public health care system - principles of primary health care functioning	G.W1. G.W8. G.W11.
	2. Health situation in Poland and around the world - main problems concerning the health in Poland - measures of health status concerning Polish population	G.W5. G.W6. G.W7.
Seminars	1. The concept of <i>public health</i> - definitions of <i>public health</i> - public health vs. population health - <i>health promotion</i> and its components - <i>health education, prevention, health policy</i> - EBPH - evidence-based public health - public health in practice	G.W1. G.W8.
	2 Health care system - place and role of public health in the health care system - analysis of health care financing systems	G.W1. G.W8. G.U8.
	3. Organizational and legal aspects of conducting health care units in Poland - legal regulations on the conduct of health care activities - dental care in Poland - organizational and legal aspects - patient's rights - legal provisions concerning the keeping of medical records	G.W1., G.W8., G.W11., G.W26., G.W29., G.W32., G.U24., G.U26.
	4. Strategy of health and social policy. Health priorities and policy of the European Union	G.W5., G.W6., G.W7., G.W8.
	5. Scope and principles of medical certification - The principles of assessing temporary inability to work - Principles of adjudication of inability to work for pension purposes - Disability assessment - Principles of issuing a medical certificate	G.W8. G.U26. G.U27.

6 Health needs - <i>Health needs</i> - theory and practice - methods of determining the health needs of the population	G.W5. G.W6.
7 Health inequalities - the concept of <i>health inequality</i> - preventive measures	G.W1. G.W8.
8. Population health data: - analyse data on the health status of the population, epidemiological data and use it to determine the health status of the population - describe selected health phenomena on a population scale and forecast their impact on the functioning of the health care system - assess the scale of health problems and identify health priorities and their importance in health policy - analyse the conditions of the epidemiological risk in terms of social and demographic processes - identify factors influencing the state health policy	G.W8. G.U1. G.U2. G.U3. G.U4. G.U6.

## 7. LITERATURE

### Obligatory

1. [Oxford Textbook of Public Health \(6th Edition\)](#), Oxford University Press, 2015
2. Bonita, Ruth, Beaglehole, Robert, Kjellström, Tord & World Health Organization. (2006). Basic epidemiology, 2nd ed. World Health Organization. <https://apps.who.int/iris/handle/10665/43541>
3. Global Burden of Disease <https://www.thelancet.com/gbd>
4. Health status of Polish population and its determinants - report for 2020 Wojtyniak B., Goryński P. (ed.). NIPH NIH - NRI 2020 <https://www.pzh.gov.pl/sytuacja-zdrowotna-ludnosci-polski-i-jej-uwarunkowania-raport-za-2020-rok/>

### Supplementary

5. Website:
  - <https://stat.gov.pl/obszary-tematyczne/zdrowie/>
  - [www.pzh.gov.pl](http://www.pzh.gov.pl)
  - <https://www.gov.pl/zdrowie/>
  - <http://nfz.gov.pl/>
  - <https://gis.gov.pl/>
  - <https://www.gov.pl/web/rpp>

## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
G.W1., G.W5., G.W6., G.W7.,	<ul style="list-style-type: none"> <li>• active participation in seminar and lecturers</li> </ul>	Test colloquium - 20 single-choice questions – The pass mark is 60%

G.W8., G.W11., G.W26., G.W29., G.W32. G.U1., G.U2., G.U3., G.U4., G.U6., G.U8., G.U24., G.U26., G.U27.	<ul style="list-style-type: none"><li>final test in the written form (colloquium)</li></ul>	2.0 – 11 and below the correct answers 3.0 – 12-13 correct answers 3.5 – 14-15 correct answers 4.0 – 16-17 correct answers 4.5 – 18-19 correct answers 5.0 – 20 correct answers
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**9. ADDITIONAL INFORMATION** (*information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club*)

- Attendance at classes is mandatory
- All absences should be made up in the form agreed with teacher conducting the exercises.

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