

Course description

Part 1

General information about the course			
1. Major of study: medicine		2. Study level: unified MSc	
		3. Form of study: intramural	
4. Year: II		5. Semester: according to the schedule	
6. Course name: Public health			
7. Course status: required			
8. Course objectives			
The concept of public health, its goals, tasks, databases; structure, organization of the health care system in Poland and the world; organization and financing of the health service, universal health insurance and the principles of organization of medical entities; the State Sanitary Inspectorate as a public health entity; the National Health Program, WHO health programs and European Union programs; methods of assessing the health of the individual and population; systems of classification of diseases and medical procedures; interpretation of measures of prevalence of diseases and disabilities; assessment of the epidemiological situation of common diseases in the country; risk factors of infectious and chronic diseases; preventive measures; health promotion; use of databases, including the Internet, and finding the necessary information with the help of available tools, improving one's own skills, communicating with colleagues.			
Learning outcomes / reference to learning outcomes indicated in (underline as appropriate): education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia) For knowledge – student knows and understands: G.W1, G.W4, D.W.14, G.W6, G.W2, B.W29, D.W23 For skills student can do G.U1, G.U2, G.U3, G.U.4, B.U10, B.U12, D.U2, D.U17 For social competencies student is ready to: D.U12, D.U16			
9. Number of hours for the course		15	10. Number of ECTS points for the course
			1
11. Form of evaluation: grade credit			
12. Methods of verification and evaluation of learning outcomes			
Learning outcomes	Methods of verification	Methods of evaluation*/ credit	
Knowledge	Written evaluation – open questions Grade credit – MCQ Summary methods: Written exam / test exam	*	
Skills	Observation	*	
Competencies	Observation	*	

* For exams and grade credits the following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information concerning the course		
13. Department conducting the course, address, e-mail address: Department of Epidemiology, 18 Medyków St., 40-752 Katowice, epikat@sum.edu.pl		
14. Course Coordinator: Professor Grzegorz Brożek, MD, PhD		
15. Prerequisites in terms of knowledge, skills and other competences: No requirements for prior skills and/or competencies		
16. Group size	In accordance with the SUM Senate Resolution	
17. Teaching materials	Presentations available on e-learning platform	
18. Location of classes	18 Medyków St., 40-752 Katowice Building c3, IV floor, classrooms: 401,412, Building d2, I floor, classroom 122/123	
19. Location and time of office hours	Building C3, IV floor, 9:00 – 12.00	
20. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to the learning outcome included in the standards
In terms of knowledge:		
C_K01	Methods of assessing the health status of individuals and populations, various systems of classifying diseases and medical procedures	G.W1
C_K02	The concept of public health, its goals, tasks and the structure and organization of the health care system at the national and global level, as well as the impact of economic conditions on the possibilities of health care	G.W4
C_K03	The imperative and the pattern of conduct of a doctor and a dentist established by the professional self-government of doctors and dentists	D.W.14
C_K04	The health situation in the Poland and in the world	G.W6
C_K05	Health promotion concepts and models	G.W2
C_K06	Principles of conducting scientific, observational and experimental research and in vitro research for the development of medicine	B.W29
C_K07	Basics of evidence-based medicine	D.W23
In terms of skills:		
C_S01	Describe the demographic structure of the population and, on this basis, assess the health problems of the population	G.U1
C_S02	Collect information on the presence of risk factors for infectious and chronic diseases and plan preventive measures at various levels of prevention	G.U2
C_S03	Interpret measures of the incidence of disease and disability	G.U3
C_S04	Assess the epidemiological situation of diseases commonly occurring in the Republic of Poland and worldwide	G.U4
C_S06	Using databases, including online databases, and search for the information with available the tools;	B.U10
C_S07	Use IT tools to develop and present data and to solve problems creatively	B.U12

C_S08	Identify signs of unhealthy and self-destructive behavior and properly identify the respond to them	D.U2
C_S09	Critically analyze medical literature, including in English, and draw conclusions	D.U17
In terms of social competencies:		
C_C01	Communicate with colleagues with feedback and support	D.U12
C_C02	Demonstrate responsibility for upskilling and transferring the skills of the knowledge to others	D.U16
21. Forms and subjects of classes		Number of hours
21.1. Lectures		0
21.2. Seminars		15
Monitoring and health determinants of the population		3
Data bases in public health		3
Health policy and health systems		3
Prevention of diseases and injuries		3
Goals and principals tasks of public health		3
21.3. Labs		0
22. Literature		
Required literature: WHO, Beaglehole R.: Basic Epidemiology. 2006 Supporting literature: n/a		
23. Assessment criteria - details		
According to internal regulation of the Department of Epidemiology (course rules).		