

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: I		5. Semester: according to the schedule	
6. Course name: Public health			
7. Course status: required			
8. Course objectives			
Definition of public health, aims, tasks, databases, structure of organization of health system in Poland and in the World; organization and financing medical care, national health insurance. National Sanitary Inspection as a organization of public health, National Health Program, health program of WHO and European Union, Methods of assessing the health status of individuals and populations; classification systems for diseases and medical procedures; interpretation of measures of the prevalence of diseases and disabilities; assessment of the epidemiological situation of common diseases in the country; risk factors for infectious and chronic diseases; preventive measures; health promotion; use of databases, including the Internet databases, and search for the necessary information using the available tools, improving one's own skills, communicating with colleagues.			
Learning outcomes / reference to learning outcomes indicated in (underline as appropriate): <u>education standards (Regulation of the Ministry of Science and Higher Education)</u> / 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.W2, G.W3, G.W4, G.W21, D.W2 For skills student can do: G.U1, G.U2, G.U3, G.U4, D.U5, G.U10 For social competencies student is ready to: D.U4, D.U7			
9. Number of hours for the course		15	10. Number of ECTS points for the course
			1
11. Form of evaluation: 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 <u>Summary methods:</u> 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	Determinants of diseases, methods of identifying and examining disease risk factors, advantages and disadvantages of epidemiological research and the principles of cause-and-effect inference in medicine	G.W2
C_K03	Epidemiology of infectious diseases, including those related to healthcare, and non-infectious diseases, types and methods of prevention at various stages of the natural history of the disease, and the role and principles of epidemiological surveillance	G.W3
C_K04	The concept and functions of public health, the concept, tasks and methods of promotion health, the concept of quality in health care and factors influencing it, structure and organization of the health care system at the national and global level, as well the impact of economic conditions on health care opportunities	G.W4
C_K05	Epidemiology of cancer diseases, in particular their determinants nutritional, environmental and other lifestyle factors affecting risk oncology	G.W21
C_K06	Concepts of health and disease, the influence of the social environment (family, work, relationships social) and socio-cultural conditions (origin, status social status, religion, nationality and ethnic group) on the patient's health condition	D.W2
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	G.U2

	prevention	
C_S03	Interpret positive and negative measures of health	G.U3
C_S04	Assess the epidemiological situation of diseases commonly occurring in the Poland and worldwide	G.U4
C_S05	Critically analyze medical literature, including in English, and draw conclusions	D.U5
C_S06	Use IT tools to develop and present data and to solve problems creatively	G.U10
In terms of social competencies:		
C_C01	Communicate with colleagues with feedback and support	D.U4
C_C02	Demonstrate responsibility for upskilling and transferring the skills of the knowledge to others	D.U7
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 (curse rules).		