

Public Health

Educational subject description sheet

Basic information

Department Faculty of Medicine Field of study Medical Program Study level long-cycle master's degree program Study form full-time Education profile general academic Disciplines Medical science Subject related to scientific research Yes		Didactic cycle 2016/17 Realization year 2019/20 Lecture languages English Block obligatory for passing in the course of studies Mandatory obligatory Examination graded credit Standard group G. Law and organizational aspects of medicine
Subject coordinator	Aleksander Gałaś	
Lecturer	Małgorzata Bała, Aleksander Gałaś	
Periods Semester 7, Semester 8	Examination graded credit Activities and hours seminar: 15	Number of ECTS points 1.0

Goals

C1	- to provide students with the role and tasks of public health in Poland, other EU countries, the USA, and worldwide
C2	-to teach health determinants and methods of population diagnosis used to assess public health needs
C3	-to provide knowledge, and some practical skills about health promotion and disease prevention, contributing factors, and possibilities of practical implementation
C4	-to teach students economic determinants of public health
C5	-to present health care models and organization rules at different levels of public health
C6	-to present and discuss public health challenges

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	ethical, social and legal conditions for practicing the medical profession and the principles of health promotion, based on scientific evidence and accepted standards	O.W4	classroom observation, oral answer, essay, assignment report, test, written credit
W2	the concept of public health, its objectives, 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 health protection options	G.W4	classroom observation, oral answer, test, written credit
W3	methods of individual and population health assessment, different systems of disease classification and medical procedures	G.W1	group assessment, oral answer, test, written credit
W4	basic legal regulations regarding the organization and financing of health care, general health insurance and the principles of organization of units performing medical activities	G.W6	group assessment, oral answer, test, written credit
Skills - Student can:			
U1	plan own learning activities and constantly learn in order to update own knowledge	O.U5	classroom observation, group assessment
U2	collect information on the presence of risk factors for communicable and chronic diseases and plan prevention activities at different levels of prevention	G.U2	classroom observation, group assessment, oral answer, essay, assignment report
U3	interpret the measures of the incidence of diseases and disabilities	G.U3	classroom observation, group assessment, oral answer, assignment report, test, written credit
U4	cooperate with other professions in the field of health protection	G.U10	classroom observation, group assessment, oral answer, essay, assignment report

U5	identify the relevant legislation containing standards for the provision of health services and the medical profession	G.U11	classroom observation, group assessment, essay, assignment report
Social competences - Student is ready to:			
K1	promote health-promoting behaviors	O.K6	classroom observation, group assessment
K2	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	O.K9	classroom observation, group assessment
K3	formulate opinions on the various aspects of the professional activity	O.K10	classroom observation, group assessment, oral answer

Calculation of ECTS points

Activity form	Activity hours*
seminar	15
preparation for classes	2
consultations with lecturer	2
preparation for examination	4
conducting literature research	2
preparation of a report	5
Student workload	Hours 30
Workload involving teacher	Hours 15

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Purposes and tasks of public health. Public health functions. New measures of population health. International Classification of Diseases and other classifications.	W2, W3, U1, U3, K3	seminar
2.	Health promotion and disease prevention strategies used in public health. Determinants of health over years. Social determinants of health. Levels of prevention. The role of mass screening.	W1, U1, U2, U4, K1, K2	seminar

3.	Health care models in Poland and worldwide. Economic determinants of public health. Financial models. Direct and indirect costs in public health.	W2, U1, K3	seminar
4.	The role of public health in the overall concept of population health. Law foundations for public health functions. Public health insurance. Patient from the public health point of view. Basics of organizations of health care institutions.	W2, W4, U1, U4, U5, K2, K3	seminar
5.	Public health programs. Knowledge exchange in public health. Public health in XXI century and public health challenges.	W1, W2, W4, U1, U4, K1, K2, K3	seminar

Course advanced

Teaching methods:

case study, brainstorm, classes / practicals, discussion, problem solving method, presentation, group work, assignments solving, seminar, workshop, lecture with multimedia presentation, practical classes

Activities	Examination methods	Credit conditions
seminar	classroom observation, group assessment, oral answer, essay, assignment report, test, written credit	There are two type activities which contribute to the final grade: public health skills and written exam. The public health skills are presented by the discussion provided in the written essay or by giving the presentation (requirements are provided during classes) and contribute in 40% to final grade. The written exam: a first term final exam is a MCQ test, 30 questions, the second term exam is dated on the exam sessions for re-takers and consists of 4 (four) open questions. Answers for each question are scored from 0 to 5 points (with intervals of 0.5 pts). The criterion to pass for each term of the final exam $\geq 50\%$. The final grade scheme: 50% do 59.9% = satisfactory (3.0) 60%-69.9% = satisfactory plus (3.5) 70.0-79.9% = good (4.0) 80%-89.90% = good plus (4.5) 90%-100% = very good (5.0)

Additional info

To be allowed to take the final exam student should fulfill the attendance criterion, meaning he/she should attend and actively participate in all of scheduled meetings (or make up for absence after the acceptance of the teacher responsible for the meeting). If the criterion is not fulfilled student is not allowed to take the final exam and consequently the term is lost. Student is obligated to come on time for course meetings. 2 lateness are allowed without punishment, otherwise student is committed to make up for one of the topic she/he has been late, the topic is drawn by the teacher.

Entry requirements

Attendance on the course is obligatory. To be allowed to participate in the course student should pass an epidemiology course (or other of this type which covered the required teaching effects as described under O.W4-5; G.W1-3,8; O.U5-6,8-9; G.U1-4; O.K6-8 in teaching effects).

Literature

Obligatory

1. Oxford Textbook of Global Public Health (6 ed.) Edited by Roger Detels, Martin Gulliford, Quarraisha Abdool Karim, and Chorh Chuan Tan. Oxford University Press. ISBN-13: 9780199661756 [or earlier editions]

Optional

1. Susan R. Thompson. The Essential Guide to Public Health and Health Promotion. Routledge. ISBN-10: 9780415813082, ISBN-13: 978-0415813082

Standard effects

Code	Content
G.U2	collect information on the presence of risk factors for communicable and chronic diseases and plan prevention activities at different levels of prevention
G.U3	interpret the measures of the incidence of diseases and disabilities
G.U10	cooperate with other professions in the field of health protection
G.U11	identify the relevant legislation containing standards for the provision of health services and the medical profession
G.W1	methods of individual and population health assessment, different systems of disease classification and medical procedures
G.W4	the concept of public health, its objectives, 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 health protection options
G.W6	basic legal regulations regarding the organization and financing of health care, general health insurance and the principles of organization of units performing medical activities
O.K6	promote health-promoting behaviors
O.K9	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment
O.K10	formulate opinions on the various aspects of the professional activity
O.U5	plan own learning activities and constantly learn in order to update own knowledge
O.W4	ethical, social and legal conditions for practicing the medical profession and the principles of health promotion, based on scientific evidence and accepted standards