



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)

General information

Module name: Social dentistry	
Module type	Obligatory/Facultative (select)
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medical and Dentistry (KLD)
Specialty	-
Level of study	Long-cycle studies
Form of study	full-time/part-time
Year, semester of studies e.g. Year 1, semester (I and II)	Year 2 ,semester (VII and VIII)
ECTS credits (incl. semester breakdown)	3 ECTS (semester III-1, semester IV-2)
Type/s of training	Practical classes - (45h) (sem. IX - 25h, sem. IV - 20h)
Form of assessment	graded assessment
Head of the Department/ Clinic, Unit	Prof. dr hab. n.med. Tomasz Olszowski
Persons conducting classes with indication of a tutor or person responsible for the module	dr n.med. Marta Milona, dr n.med. Tomasz Olszowski, dr hab.n.med. Alicja Walczak
Department's/Clinic's/Unit's website	http://www.pum.edu.pl/wydzialy/wydzial-lekarski/zaklad_higieny_i_epidemiologii
Language	Polish/English

Detailed information

Module/subject objectives		The student knows basic types of epidemiological studies and indicators used to determine the health situation of the population, knows cultural, social and environmental threats to health, has knowledge about the principles of functioning and management of health care health policy
Prerequisite /essential requirements	Knowledge	knows the basics of human organism functioning, knows types of microorganisms,
	Skills	Is able to acquire and use information, identify pathogenic microorganisms,
	Competences	Works in a team, communicates acquired knowledge, possesses universal social communication skills

Description of learning outcomes for the module (subject)			
No. of learning outcome	Student, who has passed the (subject)	Symbol (referring to) Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	knows and understands the epidemiology of viral and bacterial infections, fungal and parasitic infections, as well as ways of spreading infections in the body of a human	K_C.W03	RZĆ, O, K
W02	knows the species of bacteria, viruses and fungi which are the most common etiological agents of infections and infestations	K_C.W04	RZĆ, O, K
W03	knows the basics of disinfection, sterilization and aseptic management	K_C.W05	RZĆ, O, K
W04	knows the current state of knowledge about: the social dimension of health and illness impact of the social environment (family, network of social relations) and social inequalities on health, - socio-cultural differences and the role of social stress in health and self-destructive behaviours,	K_D.W01	PM, PS, RZĆ, O, K
W05	understands the symbolic meaning of health, illness, disability and old age in relation to social attitudes, social consequences of illness and disability, social and cultural barriers; knows the current concept of quality of life conditioned by health condition	K_D.W03	RZĆ, O, K
W06	knows basic terms related to health, lifestyle, health status of the population	K_G.W03	W, SP, RZĆ, O, K
W07	knows methods of determining health needs of the society	K_G.W04	W, PS, SP, RZĆ, O, K

W08	knows health situation in Poland and in the world	K_G.W05	PM, PS, RZĆ, O, K
W09	knows strategies of health and social policy Poland and European Union	K_G.W06	PM, PS, RZĆ, O, K
W10	knows organizational and legal aspects of the functioning of Polish health care system	K_G.W07	O, K
W11	knows the principles of functioning, management and informatization of the enterprises of a health care unit and other health care Institutions	K_G.W08	RZĆ, O, K
W12	knows indicators of population health status and principles of their assessment	K_G.W12	RZĆ, O, K
W13	knows the principles of disease prevention and health strengthening	K_G.W13	W, PS, SP, RZĆ, O, K
W14	knows the principles of epidemiological development of the outbreak of infectious disease	K_G.W14	
W15	knows the principles of planning and evaluation of prophylaxis programs	K_G.W15	W, PS, SP, RZĆ, O, K
W16	knows ergonomic principles of conducting dental procedures and organization of work in dental office	K_G.W16	RZĆ, O, K
W17	on the principles of health and safety at work in dentistry	K_G.W17	RZĆ, O, K
W18	knows the principles of proceeding in a situation of epidemiological emergency	K_G.W18	RZĆ, O, K
U01	respect patients' rights, including: the right to personal data protection, the right to privacy, the right to information about the state of health, the right to give informed consent to treatment or to withdraw from treatment, and the right to die with dignity	K_D.U12	RZĆ, O, K
U02	demonstrate responsibility for their own professional development and contribution to the further development of medical science	K_D.U13	RZĆ, O, K
U03	demonstrates the ability to use and process information, including the use of information technology and use of modern sources of medical knowledge	K_D.U15	W, SP, RZĆ, O, K
U04	transfers his/her knowledge to others	K_D.U16	PM, SP, RZĆ, O, K
U05	plans the work of a dental team and equipment of a dental surgery according to the rules of ergonomics and work safety	K_D.U17	RZĆ, O, K
U06	critically analyses literature (including in English) and draws conclusions	K_D.U19	W, PS, SP, RZĆ, O, K
U07	plans the course of action in case of exposure to a blood-borne infection	K_E.U06	PS, O, K

U08	diagnoses diseases connected with smoking, alcoholism and addictions	K_E.U17	O, K
U09	analyzes reliable data on health state of the population	K_GU01	W, SP, O, K

U10	describes selected health phenomena on a population scale and predicts their influence on functioning of health care	K_GU02	PM, PS, O, K
U11	defines basic terms from the scope of prevention and environmental hygiene	K_GU03	W, O, K
U12	describes the principles of functioning of the health care system	K_GU04	O, K
U13	assesses the scale of health problems and indicates health priorities and determines their importance in health policy	K_GU05	PM, PS, O, K
U14	analyzes determinants of the epidemiological situation in the aspect of social and demographic processes	K_GU06	W, SP, RZĆ, O, K
U15	develops simple research programmes in the field of prevention and treatment	K_GU07	PS, O, K
U16	identifies factors influencing state health policy	K_GU08	O, K
U17	analyses epidemiological data and determines the health status of the population based on them	K_GU10	W, SP, O, K
U18	recognizes harmful and burdensome factors in the place of work, residence and study	K_GU17	O, K
U19	assess the level of health threats resulting from the state of air, water, soil and food quality	K_GU18	O, K
U20	is able to confirm or exclude the connection of environmental factors with etiology of disease including occupational disease	K_GU19	O, K
U21	provides patients with information on risk factors and ways of prevention of the most common social diseases in Poland	K_GU21	PS, PM, O, K
U22	interprets the basic epidemiological indicators, defines and assesses reliability and accuracy of tests used in screening tests	K_GU22	W, SP, RZĆ, O, K
U23	Appropriately designs epidemiological tests	K_GU23	W, SP, RZĆ, O, K
U24	carries out an epidemiological tests	K_GU24	
U25	works in accordance with ergonomic principles of work	K_GU25	O, K
U26	applies the sanitary-epidemiological and occupational safety and health regulations	K_GU26	W, O, K

	while working		
K01	demonstrate the habit of self-education and lifelong learning	K_K01	O, K
K02	accepts the need for ethical standards and legal conditions relating to the exercise of the profession	K_K02	O, K
K03	is able to cooperate and work in a group, as well as take care of own work safety and that of others	K_K03	O, K
K04	shows respect to human body	K_K04	O, K
K05	shows respect to patient, social groups and cares for their goodwill and safety	K_K05	O, K

K06	perceives the need for complex understanding of physical phenomena in the aspect of the human body	K_K06	O, K
K07	understands the sense of responsibility for entrusted property	K_K07	O, K
K08	understands the importance of the relationship between the examiner and the examined person	K_K08	O, K
K09	understands the need to keep medical confidentiality, and respect for patients' rights	K_K09	O, K
K10	is able to formulate opinions on various aspects of professional activity	K_K10	O, K

Table presenting LEARNING OUTCOMES in relation to the form of classes

No.	Symbol (Referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical	Clinical classes	others ...
1.	K_C.W03			X					
2.	K_C.W04			X					
3.	K_C.W05			X					
4.	K_D.W01			X					
5.	K_D.W03			X					
6.	K_G.W03			X					
7.	K_G.W04			X					
8.	K_G.W05			X					
9.	K_G.W06			X					
10.	K_G.W07			X					
11.	K_G.W08			X					
12.	K_G.W12			X					
13.	K_G.W13			X					
14.	K_G.W14			X					
15.	K_G.W15			X					
16.	K_G.W16			X					

17.	K_G.W17			X					
18.	K_G.W18			X					
19.	K_D.U12			X					
20.	K_D.U13			X					
21.	K_D.U15			X					
22.	K_D.U16			X					
23.	K_D.U17			X					
24.	K_D.U19			X					
25.	K_E.U06			X					
26.	K_E.U17			X					
27.	K_G.U01			X					
28.	K_G.U02			X					
29.	K_G.U03			X					
30.	K_G.U04			X					
31.	K_G.U05			X					
32.	K_G.U06			X					

33.	K_G.U07			X					
34.	K_G.U08			X					
35.	K_G.U10			X					
36.	K_G.U17			X					
37.	K_G.U18			X					
38.	K_G.U19			X					
39.	K_G.U21			X					
40.	K_G.U22			X					
41.	K_G.U23			X					
42.	K_G.U24			X					
43.	K_G.U25			X					
44.	K_G.U26			X					
45.	K_K01			X					
46.	K_K02			X					
47.	K_K03			X					
48.	K_K04			X					
49.	K_K05			X					
50.	K_K06			X					
51.	K_K07			X					
52.	K_K08			X					
53.	K_K09			X					
54.	K_K10			X					

No. of learning content	Description of learning content	Number of hours	Referring to learning outcomes for the module
	Practical classes		
TK01	Strategies for preventive dentistry, oral health, professional and home oral prevention.	4	W05;W06;W13;W15;U11; U16; U21; K02-K04; K09
TK02	Measures of the health status of the general population. Basic concepts of health and disease	2	W07; W12; U 09; U14; U17; U22; K04

TK03	Epidemiological indicators used in assessing oral health of the population: indicators of dental caries, oral hygiene, periodontal diseases	4	W07; W12; U17; U03; K08; K09
TK04	Elements of description of epidemiological situation of selected oral diseases. Criteria for assessment of cause and effect relationship;	4	W07; W08; W12; U09; U10; U17; U20; U01; U02; U06; K01; K03; K08; K09
TK05	Design of epidemiological research. Advantages and disadvantages of different types of epidemiological studies.	6	W06; W07; W08; W12; U01- U03; U06; U15; U22; U23; K01-K04; K08; K09
TK06	Dental office as a potential link of epidemic chain - epidemic process basic concepts Prevention of infection in the dental practitioner's work - principles of decontamination of skin, mucous membranes, tools, surfaces and environment	4	W01; W02; W03; W14; W16; W17; W18; U07; U24; U25; U26; K07; U05;
TK07	Cultural, social and economic determinants of health including oral health	2	W04; W05; K06; K10

TK08	Principles of proper nutrition. Planning a menu for selected population	4	W06; W07; U15; U04; K06
TK09	Health and social consequences of using stimulants and psychoactive substances	4	W04; U16; U08; K06
TK10	Ecological threats to health: effects of exposure to heavy metals, radiation, food pollution, GMOs	2	U11; U18; U19; K06
TK11	Main health problems of the inhabitants of particular regions of Europe and Poland (civilization diseases, infectious diseases, diseases of oral cavity) analysis of epidemiological indicators and strategies of their prevention and selected prophylaxis programs	4	W08; W09; U10; U10; U11; U12; U13; U16; U21; K05; K10
TK12	Forms of organisation of dental care in Poland and Europe, elements of management, economics and marketing of dental services	5	W10; W11; U12; K07; K10

Booklist

Obligatory literature

- T.B. Kulik, M. Latalski: Zdrowie publiczne, Czelej, Lublin 2002
- A. Czupryna, S. Poździoch, A. Ryś, W.C. Włodarczyk: Zdrowie Publiczne, Uniwersyteckie Wydawnictwo Medyczne Vesalius, Kraków 2001
- A. Wojtczak: Zdrowie Publiczne - Wyzwaniem dla systemów zdrowia XXI wieku, Wydawnictwo PZWL, Rok wydania 2009
- J.Bzdęga, A.Gębska-Kuczerowska. (red): Epidemiologia w zdrowiu publicznym, Wydawnictwo Lekarskie PZWL, Rok wydania 2010

Supplementary literature

- Z. Jańczuk, A. Ciągło: Podstawy epidemiologii chorób narządu zucia. Centrum Edukacji Medycznej Rok wydania 1999

Student's workload (balance of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Average
Contact hours with the tutor	45	45	
Time spent on preparation to seminars/practical classes	10		
Time spent on reading recommended literature	5		
Time spent on writing report on Laboratory/practical classes/making project/paper etc.	5		
Time spent on preparing to colloquium/ entry test	5		
Time spent on preparing to exam			
Other			
Student's workload in total	70		
ECTS credits for the module/subject	3		
Notes			

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results
O – student's active participation and attitude assessment

SL – laboratory report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation and others