



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)

General information

Module title: SOCIAL DENTISTRY	
Module type	Obligatory /Facultative
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medicine and Dentistry (KLD)
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester e.g. Year 1, semester (I and II)	Year 2 , semester (III and IV)
ECTS credits (incl. semester breakdown)	3 ECTS (semester III-1, semester IV-2)
Type/s of training	Practical classes (45h) (sem. III-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 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 operation and management of health care institutions
Prerequisite /essential requirements	Knowledge	knows the basics of human organism functioning; knows types of microorganisms,
	Skills	Ability to acquire and use information, identify pathogenic microorganisms,
	Competences	Works in a team, communicates the acquired knowledge, possesses universal social communication skills

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (Referring to) Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	knows and understands the basics of epidemiology of viral, bacterial, fungal and parasitic infections as well as ways of spreading infections in the human organism	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, sterilisation and aseptic management	K_C.W05	RZĆ, O, K
W04	knows the current state of knowledge about: social dimension of health and illness, influence of social environment (family, network of social relations) and social inequalities on health condition,- socio-cultural differences and 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 and socio-cultural barriers; knows the current concept of health conditioned quality of life	K_D.W03	RZĆ, O, K
W06	knows basic terms connected with health, lifestyle, health condition 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 of Poland and European Union	K_G.W06	PM, PS, RZĆ, O, K
W10	knows and understands organizational and legal aspects of Poland's health care system	K_G.W07	O.
W11	knows the principles of operation, management and informatization of the enterprises of a health care unit and other public health institutions	K_G.W08	RZĆ, O, K
W12	knows indicators of population health status and the rules of their assessment	K_G.W12	RZĆ, O, K
W13	knows the principles of preventing diseases and strengthening health	K_G.W13	W, PS, SP, RZĆ, O, K
W14	knows the principles of epidemiological development of an infectious disease outbreak	K_G.W14	
W15	knows the principles of planning and evaluation of prophylactic actions	K_G.W15	W, PS, SP, RZĆ, O, K
W16	knows ergonomic principles of conducting dental procedures and work organisation in a dental surgery	K_G.W16	RZĆ, O, K
W17	knows the principles of safety and hygiene at work in dentistry	K_G.W17	RZĆ, O, K
W18	knows the principles of proceeding in an 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	shows responsibility for his/her professional development and contribution to 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	transfer his/her knowledge to others	K_D.U16	W, PS, SP, RZĆ, O, K
U05	plans the work of the dental team and the 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 English) and draws conclusions	K_D.U19	W, PS, SP, RZĆ, O, K
U07	plans treatment in case of exposure to hematogenous infection	K_E.U06	RZĆ, O, K
U08	recognizes diseases related to smoking, alcoholism and addictions	K_E.U17	O.
U09	analyse reliable data on the health status of the population	K_G.U01	W, SP, O, K

U10	describes selected health phenomena on a population scale and predicts their impact on health care functioning	K_G.U02	PM, PS, O, K
U11	define basic terms within the scope of prophylaxis once environmental hygiene	K_G.U03	W, O, K
U12	describes the principles of functioning of the health care system	K_G.U04	O.
U13	assesses the scale of health problems and indicates health priorities and determines their importance in health policy	K_G.U05	PM, PS, O, K
U14	analyzes determinants of epidemiological situation in the aspect of social and demographic processes	K_G.U06	W, SP, RZĆ, O, K
U15	develops simple research programs on prevention and treatment	K_G.U07	RZĆ, O, K
U16	identifies factors influencing state health policy	K_G.U08	O.
U17	analyses epidemiological data and determines on the basis of them the health status of the population	K_G.U10	W, SP, O, K
U18	recognize harmful and burdensome factors in the place of work, residence and study	K_G.U17	O.
U19	assess the level of health risks resulting from air, water, soil and food quality	K_G.U18	O.
U20	is able to confirm or exclude the relationship of environmental factors with the aetiology of disease, including occupational disease	K_G.U19	O.
U21	provides patients with information on risk factors and ways of prevention of the most common social diseases in Poland	K_G.U21	PS, PM, O, K
U22	is able to interpret basic epidemic indicators, defines and appraises reliability and relevance of tests used in screening examination	K_G.U22	W, SP, RZĆ, O, K
U23	Properly designs epidemiological research	K_G.U23	W, SP, RZĆ, O, K
U24	Conducts epidemiological investigation	K_G.U24	
U25	works in accordance with ergonomic principles of work	K_G.U25	O, K
U26	applies the sanitary-epidemiological and occupational safety and health regulations while working	K_G.U26	W, O, K
K01	shows habit of self-education and lifelong education	K_K01	O.
K02	accepts need of standards of conduct and legislation regarding medical practice	K_K02	O.
K03	can co-operate with team members and care about occupational safety	K_K03	O.
K04	shows respect to human body	K_K04	O.
K05	shows respect to patient, social groups and cares for their goodwill and security	K_K05	O.
K06	recognizes need for complete understanding of physical phenomena in aspects of human body	K_K06	O.
K07	understands sense of responsibility for entrusted property	K_K07	O.

K08	understands proper examiner/examined relationship	K_K08	O.
K09	understands need for keeping professional secrecy and showing respect to patients' rights	K_K09	O.
K10	can make opinions on different aspects of professional activities	K_K10	O.

Table presenting LEARNING OUTCOMES in relation to the form of classes

item	SYMBOL (referring Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical classes	Clinical classes	other ...
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	References to learning outcomes for the module
	Practical classes		
TK01	Preventive dentistry strategies, oral health, professional and home oral prevention.	4	W05;W06;W13;W15;U11; U16; U21; K02-K04; K09
TK02	Measures of 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 assessment of 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 of assessment of cause-effect relation;	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 research	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 at the dentist'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. Menu planning for selected populations	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, oral diseases) analysis of epidemiological indicators and strategies of their prevention and selected prophylactic programmes	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 in dental services	5	W10; W11; U12; K07; K10

Booklist:			
Obligatory literature: <ul style="list-style-type: none">• T.B. Kulik, M. Latalski: Zdrowie publiczne, Czelej, Lublin 2002• A. Czupryna, S. Poździej, 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: <ul style="list-style-type: none">• Z. Jańczuk, A. Ciągło: Podstawy epidemiologii chorób narządu zucia. Centrum Edukacji Medycznej Rok wydania 1999			
Student's workload (balance of ECTS scores)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Mean
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/making project	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

RZĆ – practical classes report, incl. discussion on results
O - student's active participation and attitude assessment
SL - lab report
SP – case study
PS - assessment of student's ability to work independently
W – entry test
PM – multimedial presentation other