



Syllabus for academic year 2019/2020

Description of the course

Module/Course	Methods in evidence based medicine.	Group of detailed education results	
		Group code B G D	Group name Scientific basis of medicine Computer science in medicine Public health with elements of informatics
Faculty	Faculty of Medicine		
Major	Medical		
Specialties	N/A		
Level of studies	Uniform magister studies X* 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>		
Form of studies	X full-time <input type="checkbox"/> part-time		
Year of studies	I-V	Semester	X Winter or X Summer
Type of course	<input type="checkbox"/> obligatory <input type="checkbox"/> limited choice X free choice / elective		
Course	X major <input type="checkbox"/> basic		
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other		

* mark with an X

Number of hours

Form of education

Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – master Foreign language Course (FLC)	Physical Education obligatory Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester												
Department and Clinic of Geriatrics				20								
Summer Semester												



Department and Clinic of Geriatrics		20											
TOTAL per year:													
Department and Clinic of Geriatrics		20											
Educational objectives (max. 6 items) C1. Background in Evidence Based Medicine C2. Teaching students about Categories of EBM C3. Preparation of Knowledge about design of EBM C4. Acquisitions of skills by students to independently search for Design model of EBM													
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class													
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to		Methods of verification of intended education results (forming and summarising)				Form of didactic class <i>**enter the abbreviation</i>					
W 01	DW 3 GW5	Student knows and describes the EBM: goal, to whom, why we do it		Brainstorm. Presentation and final report				MC					
W 02	GW 13 GW 14	Student knows and describes elements of EBM											
W 03	DW 2	Student knows and uses data from databases and pubmed											
W04	GW 15	Student knows how to draw conclusions from literature and source knowledge – to build PICO of EBM											
W 05	GW 2	Student knows the principles of databases and e-health											
U 01	BU 14	Student can use the Medical Database M4.0		Assessment of practical skills				MC					
U 02	DU 10-12	Student can design basic PICO and draw conclusions and recommendations from the research.											



U 03		Student can develop EBM recommendations and educate the patient.		
U 04	BU 11-12	Student can search for source data in PubMed.		

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:

Knowledge: +++++

Skills: +++++

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	20
2. Student's own work (self-study):	6
Total student's workload	26
ECTS points for module/course	1,0
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

1. **Introduction in Evidence Based Medicine**
2. EBM for Clinician
3. Databases in EBM
4. Construction EBM
5. EBM Process
6. EBM Data from World and Europe
7. Design EBM Model – Test

Basic literature

1. http://www.nogracias.eu/wp-content/uploads/2011/06/Essential_Evidence_based_Medicine.pdf
2. http://www.mazums.ac.ir/Dorsapax/Data/Sub_30/File/Fundamental.pdf

Additional literature and other materials (no more than 3 items)

1. <http://www.bandolier.org.uk/painres/download/whatis/ebm.pdf>
2. <http://medind.nic.in/iad/t02/i2/iadt02i2p96.pdf>

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Seminar room, multimedia projector, Medical 4.0 – demo database for geriatric patients

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)



Basic knowledge regarding medical informatics & public health

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by activity including the student to pass it and criteria for specific grades)

Activity including own elaboration of the chosen issue and presentation during classes.

Attendance at all classes is obligatory – in the case of the absence (incl. rector's/dean's days/hrs) – make up missing class on the agreed rules

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	Student easily discusses the subject of aging, health and pathology of aging, differences between aging and multimorbidity, indicates factors that favor aging in health. Student prepares a chosen presentation. Student uses literature outside the list.
Good Plus (4.5)	Student is able to solve small task about EBM topic during a laboratory. Student prepares a chosen presentation. Student uses literature outside the list. Student correctly uses the topic of course.
Good (4.0)	Student correctly uses the topic of course. He/she prepares presentation; uses literature from the list only.
Satisfactory Plus (3.5)	Student correctly uses the topic of course. He/she prepares presentation.
Satisfactory (3.0)	Basic knowledge of aging in health system.

Name and address of module/course teaching unit, contact: telephone and e-mail address

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50-369 Wrocław,
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Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Prof. Dr hab. Karol Kozak

mobile: +49 17649887808; e-mail: karol.kozak@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

Prof. Dr hab. Karol Kozak



Date of Syllabus development

12/11/2019

Syllabus developed by

Prof. Dr habil. Karol Kozak

Signature of Head of teaching unit

Katedra i Klinika Geriatrii
kierownik

prof. dr hab. Malgorzata Sobieszko

Signature of Faculty Dean

Uniwersytet Medyczny we Wrocławiu
WYDZIAŁ LĀKARSKI
DZIEKAN

prof. dr hab. Andrzej Hendrich

