



Syllabus for academic year: 2020/2021			
Training cycle: semester			
Description of the course			
Module/Course	Methods in evidence based medicine.	Group of detailed education results	
		Group code B  D	Group name Scientific basis of medicine  Public health with elements of informatics
Faculty	Medicine		
Major	medicine		
Unit realizing the subject	Department of Geriatrics		
Specialties	not applicable		
Level of studies	Uniform magister studies X* 1 <sup>st</sup> degree studies <input type="checkbox"/> 2 <sup>nd</sup> degree studies <input type="checkbox"/> 3 <sup>rd</sup> 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- VI	Semester	<input type="checkbox"/> x Winter or <input type="checkbox"/> x Summer
Type of course	<input type="checkbox"/> obligatory <input type="checkbox"/> limited choice <input checked="" type="checkbox"/> x free choice / elective		
Course	<input type="checkbox"/> x major <input type="checkbox"/> basic		
Language of instruction	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English <input type="checkbox"/> other		
* mark <input type="checkbox"/> with an X			
Number of hours			
Form of education			
	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 – magister studies (SCM)
	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)
	Self-Study (Student's own work)	E-learning (EL)	



Winter Semester													
Direct (contact) education													
Online learning (synchronous)													20
Distance learning (asynchronous)													
Summer Semester													
Direct (contact) education													
Online learning (synchronous)													
Online learning (asynchronous)													
TOTAL per year:													
Direct (contact) education													
Online learning (synchronous)													20
Online learning (asynchronous)													
Educational objectives (max. 6 items)													
C1. To teach students to acquire systematic knowledge in order to build medical model based on facts for elderly patients													
C2. To gain knowledge of EBM data bases and methodology of structural building of elderly patients data bases – methods, structures of tables, role of data bases.													
C3. To acquire the ability to independently operate search engines and gather important information regarding work with an elderly patient													
C4. To develop a patient initial data base													
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>			
W1	D.W23	Student knows what EBM (Evidence Based – Medicine) is and what are its purposes and components					Brainstorm. Presentation and final report			EL			
W2	B. W26	Knows EBM data bases and other medical data bases as well as e-zdrowia [e-health] operating principle					Brainstorm. Presentation and final report			EL			
W3	B. W29	Knows how to draw conclusions based on literature sources and source knowledge in order to build PICO and EBM process					Brainstorm. Presentation and final report			EL			



U1	B. U10	Is able to use data from PUBMed, EBM and Medical 4.0 data	Assessment of practical skills	EL
U2	B. U11, B. U13	Is able to build PICO and prepare recommendations for the PICO process	Assessment of practical skills	EL
<p>** 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 .</p>				
<p>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: +++++</p>				
<b>Student's amount of work (balance of ECTS points)</b>				
<b>Student's workload</b> (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Contact hours:				
2. Online learning hours (e-learning):			20	
3. Student's own work (self-study):			6	
Total student's workload			26	
ECTS points for module/course			1,0	
Comments				
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
<b>Seminars</b>				
1. Introduction to EBM. – 3 hours				
2. EBM for doctors? – 3 hours				
3. EBM data bases for geriatrics – 2 hours				
4. EBM process development – 2 hours				
5. EBM process description – 3 hours				
6. World and Europe EBM data – 3 hours				
7. Planning EBM model – Test – 2 hours				
8. Modelling a sample relational data base – 2 hours				
<b>Basic literature</b> (list according to importance, no more than 3 items)				
1. <a href="http://www.nogracias.eu/wp-content/uploads/2011/06/Essential_Evidence_based_Medicine.pdf">http://www.nogracias.eu/wp-content/uploads/2011/06/Essential_Evidence_based_Medicine.pdf</a>				
2. <a href="http://www.mazums.ac.ir/Dorsapax/Data/Sub_30/File/Fundamental.pdf">http://www.mazums.ac.ir/Dorsapax/Data/Sub_30/File/Fundamental.pdf</a>				
<b>Additional literature and other materials</b> (no more than 3 items)				
1. <a href="http://www.bandolier.org.uk/painres/download/whatis/ebm.pdf">http://www.bandolier.org.uk/painres/download/whatis/ebm.pdf</a>				
<a href="http://medind.nic.in/iad/t02/i2/iadt02i2p96.pdf">http://medind.nic.in/iad/t02/i2/iadt02i2p96.pdf</a>				
<b>Didactic resources requirements</b> (e.g. laboratory, multimedia projector, other...)				
multimedia projector, Medical 4.0 – demo database for geriatric patients				
<b>Preliminary conditions</b> (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 the student to pass it and criteria for specific grades).

<b>Grade:</b>	<b>Criteria</b> (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.
	<b>Criteria</b> (only for courses/modules ending with e credit)
Credit	

Unit address	Department of Geriatrics, Wrocław Medical University, Curie – Skłodowskiej 66, 50-369 Wrocław,
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Person responsible for module	prof. dr hab. Karol Kozak
Coordinator	prof. dr hab. Karol Kozak
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<b>List of persons conducting specific classes</b>				
<b>Full name</b>	<b>Degree/scientific or professional title</b>	<b>Discipline</b>	<b>Performed profession</b>	<b>Form of classes</b>
Karol Kozak	Prof. Dr habil.	Geriatrics	Doctor	EL – e learning



**Date of Syllabus development**

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**Syllabus developed by**

*Borak*

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**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
KATEDRA I KLINIKA GERIATRII  
kierownik

*M. Sobieszka*

.....  
prof. dr hab. Małgorzata Sobieszka

**Signature of Faculty Dean**

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