



Syllabus 2019/2020														
Description of the course														
Module/Course	Forensic Aspects of Data Security and Communication in Medicine  (Sądowo-lekarskie aspekty ochrony danych i porozumiewania się w medycynie)								Group of detailed education results					
									Group code	Group name				
									D+G	Legal and organizational aspects of medicine				
Faculty	Medicine													
Major	medicine													
Specialties	Not applicable													
Level of studies	Uniform magister studies <b>X</b> * 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	<b>X</b> full-time <input type="checkbox"/> part-time													
Year of studies	I-V				Semester		X Winter <b>AND</b> X Summer							
Type of course	<input type="checkbox"/> obligatory <input type="checkbox"/> limited choice <b>X</b> free choice / elective													
Course	<input type="checkbox"/> major <b>X</b> basic													
Language of instruction	<input type="checkbox"/> Polish <b>X</b> English <input type="checkbox"/> other													
* mark <input type="checkbox"/> 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 – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
<b>Winter Semester</b>														
Gerontology Unit, Public Health Department, Health Sciences Faculty				10										
<b>Summer Semester</b>														
Gerontology Unit, Public Health Department, Health Sciences Faculty				20										



Sciences Faculty												
<b>TOTAL per year:</b>												
Gerontology Unit, Public Health Department, Health Sciences Faculty												
<b>30</b>												
<b>Educational objectives (max. 6 items)</b>												
<p><b>C1.</b> Learning the medical data security law basics, especially concerning the doctors' and patients' rights and obligations to keep medical information secret, the threats resulting from their possible violation and well-known as well currently emerging practical problems in keeping the medical data secret in everyday life of medical professionals of various ranges and specialties.</p> <p><b>C2.</b> Learning how to use basic organizational and technical means of data security, as well as their known limitations.</p> <p><b>C3.</b> Learning rules of proper documenting medical cases and professional communication in various medicine-related situations.</p>												
<b>Education result matrix for module/course in relation to verification methods of the intended education result and the type of class</b>												
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>								
<b>K1</b>	G.W12	knows the rules of medical secret, keeping medical records, physicians responsibility in front of criminal, civil and corporate professional courts	presentation, oral response or essay	MC								
<b>K2</b>	G.W18	knows the definition of medical mistake, the most common causes of medical mistakes and rules of medico-legal opinion forming in such cases	presentation, oral response or essay	MC								
<b>K3</b>	D.W4	understands the importance of verbal and non-verbal communication with patients and the meaning of trust in the physician-patient relation	presentation, oral response or essay	MC								
<b>S1</b>	G.U4	applies practically law regulations concerning issuing medical statements to patients, their families and outer institutions	presentation, oral response or essay	MC								
<b>S2</b>	G.U7	strives to avoid making medical mistakes in own actions	presentation, oral response or essay	MC								
<b>S3</b>	D.U4	is able to create the climate of trust during the whole therapy period	presentation, oral response or essay	MC								
<b>S4</b>	D.U5	is able to actively listen and express empathy during conversations with adults and underage patients, is capable of discussing the patient's current life situation	presentation, oral response or essay	MC								
<b>S5</b>	D.U6	is able to inform the patient on the aim, status and possible risk associated with the offered diagnostics or treatment and collect the patient's consent properly	presentation, oral response or essay	MC								
<b>S6</b>	D.U7	communicates the information on bad prognosis to patients and their families	presentation, oral response or essay	MC								
<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</p>												



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: 4 Skills: 4	
<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:	30
2. Student's own work (self-study):	9
Total student's workload	39
<b>ECTS points for module/course</b>	1,5
Comments	<b>the classes are divided between two consecutive semesters (winter and summer semester)</b>
<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>Lectures</b> -	
<b>Seminars</b> -	
<b>Practical classes</b>	
<ol style="list-style-type: none"> <li>1. Medical data definition and reasons for keeping them secure. Importance of data input competences. Basic rules of proper communication in various medicine-related situations.</li> <li>2. Medical data security in case of paper and electronic documents - threats and solutions, practical approach, forensic role. Importance of data input competences. Basic rules of proper communication in various medicine-related situations.</li> <li>3. Rules of proper documenting medical cases. Importance of data input competences. Basic rules of proper communication in various medicine-related situations.</li> <li>4. Medical data security in the case of different variants of person-to-person communication – threats and solutions, practical approach, forensic role. Importance of data input competences. Basic rules of proper communication in various medicine-related situations.</li> <li>5. Role of implementation and continuous improving medical data security policies in medical institutions as each medical professional's duty. Importance of data input competences. Cryptographic techniques, electronic signature and electronic timestamp technologies application in medicine. Basic rules of proper communication in various medicine-related situations.</li> <li>6. Presentation of works prepared by students, final remarks, credit granting.</li> </ol>	
<b>Other</b> -	
<b>Basic literature</b> (list according to importance, no more than 3 items) 1. Sanbar S., The Medical Malpractice Survival Handbook, Mosby Elsevier 2007	
<b>Additional literature and other materials</b> (no more than 3 items) 1. Mitnick K.D., Simon W.L., Wozniak S., The Art of Deception: Controlling the Human Element	

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of Security, Wiley 2003	
2. Mitnick K.D. Simon W.L., The Art of Intrusion: The Real Stories Behind the Exploits of Hackers, Intruders and Deceivers, Wiley 2005	
<b>Didactic resources requirements</b> (e.g. laboratory, multimedia projector, other...) room equipped with computer, multimedia projector	
<b>Preliminary conditions</b> (minimum requirements to be met by the student before starting the module/course) -	
<b>Conditions to receive credit for the course</b> (specify the form, criteria 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>Presence in classes; presentation during class, preparing an essay on assigned topic or oral or written answer during class.</b> <b>Each absence must be made up, including rector's days or dean's hours; the classes are divided into two consecutive semesters (winter and summer semester).</b>	
<b>Grade:</b>	<b>Criteria for course</b>
Very Good (5.0)	achieving targeted education results in all aspects - exceeding the topic coverage delivered by the primary sources and exercises; ability to fluently and creatively apply the acquired knowledge and skills to solve complicated problems
Good Plus (4.5)	achieving targeted education results in all important aspects - within the topic coverage delivered by the primary sources and exercises; ability to apply the acquired knowledge and skills to solve complicated problems
Good (4.0)	achieving targeted education results in all important aspects - within the topic coverage delivered by the primary sources and exercises; ability to apply the acquired knowledge and skills to solve typical problems
Satisfactory Plus (3.5)	achieving targeted education results in most important aspects - within the topic coverage delivered by exercises; ability to apply the core elements of the acquired knowledge and skills to solve typical problems
Satisfactory (3.0)	achieving targeted education results in all basic aspects - with omission of important but not critical parts of topics; ability to apply basic elements of the acquired knowledge and skills to solve simple problems

Name of unit teaching course:	Gerontology Unit, Public Health Department, Health Sciences Faculty
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Person responsible for course:	<b>Robert Susło, MD PhD</b>
Phone	+48 71 347 90 29
E-mail	robert.suslo@umed.wroc.pl

List of persons conducting specific classes:	degree/scientific or professional title	Discipline	Performer profession	Form of classes
<b>Robert Susło</b>	MD PhD	medicine	physician	MC

**Date of Syllabus development**

4.07.2019

Syllabus developed by  
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**Signature of Head of teaching unit**

Jarosław Drobnik, MD PhD

**Signature of Faculty Dean**

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