



Syllabus for academic year 2017/2018														
Description of the course														
Module/Course	Medycyna sądowa z elementami prawa Forensic medicine with basis of law											Group of detailed education results		
												Group code	Group name	
												G	Legal and organizational aspects of medicine	
												D	Behavioral and social sciences with elements of professionalism.	
Faculty	Medicine													
Major	Medicine													
Specialties	Not applicable													
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 x part-time													
Year of studies	IV				Semester		X Winter		X Summer					
Type of course	x obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	x major <input type="checkbox"/> basic													
Language of instruction	<input type="checkbox"/> Polish x 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 (M/C)	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														
Forensic Medicine Department	8			15										
Summer Semester														



Forensic Medicine Department			20										
TOTAL per year:													
Forensic Medicine Department	8		35										
<p>Educational objectives (max. 6 items)</p> <p>C1. Making the student familiar with basic issues concerning medico-legal aspects of thanatology (kinds and causes of the death, death pathomechanism, post-mortem changes conserving the corpse, decomposition and autolysis, turning into skeleton).</p> <p>C2. Making the student familiar with basic issues concerning medico-legal aspects of traumatology (kinds of lesions, mechanisms of their occurrence, kinds of tools inflicting trauma, reconstruction of traffic accidents and other fate-related situations resulting in death or body lesions).</p> <p>C3. Making the students familiar with forensic autopsy techniques and medico-legal examination of the corpses.</p> <p>C4. Making the students familiar with kinds of medico-legal examinations of people alive and rules of documenting those examinations.</p> <p>C5. Making the students familiar with basic definitions and problems of forensic toxicology, including drugs abuse and other abused substances, problems of forensic genetics.</p> <p>C6. Making the students familiar with medico-legal opinion in the criminal and civil trial.</p>													
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	G.W6.	Knows law regulations concerning medical service, patients' rights, basic of working as physician and functioning of physicians' corporation.	presentation (F), oral response (F), test (S)	L, MC									
W2	G.W8.	Knows legal duties of doctors concerning the confirmation of human decease.	presentation (F), oral response (F), test (S)	L, MC									
W3	G.W9.	Knows legal regulations concerning medical experiment and other scientific activities in medical field.	presentation (F), oral response (F), test (S)	L, MC									
W4	G.W10.	Knows legal regulations concerning organ transplantations, artificial procreation, abortion, esthetic surgery.	presentation (F), oral response (F), test (S)	L, MC									
W5	G.W12.	Knows rules of keeping medical secret, keeping medical records, physicians' responsibility in front of criminal, civil and corporate courts.	presentation (F), oral response (F), test (S)	L									
W6	G.W14.	Knows and understands the sudden death and death of not	presentation (F), oral response (F),	L									



		natural reason, knows the difference between trauma and lesion.	test (S)	
W7	G.W15.	Knows legal basics and characteristics of physicians' activities during the examination of the corpse at the place of its discovery and forensic corpse examination.	presentation (F), oral response (F), test (S)	L, MC
W8	G.W16.	Knows rules of forensic diagnostics and opinion forming in cases of neonaticide and reconstruction of traffic accidents circumstances.	presentation (F), oral response (F), test (S)	L, MC
W9	G.W17.	Knows rules of forensic opinion forming concerning the ability to make statements in front of the court, biological result and loss of health.	presentation (F), oral response (F), test (S)	L, MC
W10	G.W18.	Knows the medical mistake definition, the most common causes of such mistakes and rules of forensic opinion forming in such cases.	presentation (F), oral response (F), test (S)	L, MC
W11	G.W19.	Knows the rules of collecting samples for toxicological and genetic analysis.	presentation (F), oral response (F), test (S)	L, MC
W12	D.W20.	Knows the principles of evidence based medicine.	Presentation (F), oral response (F), test (S)	L, MC
U1	G.U3.	Can find the appropriate law acts concerning medical profession and rules of health service providing.	Presentation (F), oral response (F), test (S)	MC
U2	G.U4.	Can explain to the patients their basic rights and law rules of health service providing.	Presentation (F), oral response (F), test (S)	MC
U3	G.U5.	In case of examination of children can recognize behavioral changes and symptoms indicating the possibility that the child is domestic violence victim.	Presentation (F), oral response (F), test (S)	MC
U4	G.U7.	Is able to collect – according to rules – samples of blood for the purposes of toxicological analysis and preserving samples for genetic analysis.	Presentation (F), oral response (F), test (S)	MC

** 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: 3 Skills: 2 Social competences: -	
Student's amount of work (balance of ECTS points)	
Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	43
2. Student's own work (self-study):	41,5
Total student's workload	84,5
ECTS points for module/course	3,0
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)	
Lectures (4x2h): 1. Forensic medicine as a multidisciplinary science. Forensic thanatology. Forensic autopsy. 2. Forensic traumatology. Mechanical trauma-related lesions. Asphyxia. 3. Clinical forensic medicine. 4. Medico-legal opinion forming for the purposes of criminal and civil trial.	
Practical classes – winter semester (5x3h): 1. Thanatology. Estimated time and cause of death. Forensic traumatology. Trauma-related lesions. Gunshot wounds and explosion-related lesions. Discussion of the cases. 2. Crimes and offences against human life and health. Estimating severity of body lesions for the purposes of legal system according to Polish Criminal Code (art. 156, 157, 212). Discussion of the cases. Medico-legal opinion forming on the basis of the court files. Estimating the ability to stay under arrest and in prison. Medico-legal opinion forming for the purposes of civil courts. Health loss estimation and physician related elements of the compensation granting process. 3. Crimes and offences against sexual freedom and proper conduct. Sexual activities causing law responsibility. Abortion. Discussion of cases. 4. Paternity tests. Kinds of biological traces, their preservation and identification. Group and individual identification of the biological traces. Corpse examination at the place of discovery. 5. Identification of human beings and human remains. Basics of forensic toxicology. Ethanol and methanol toxicology. Medico-legal opinion forming in toxicological cases.	
Practical classes – summer semester (5x4h): 1. Forensic autopsies.	
Other 1. -----	
Basic literature (list according to importance, no more than 3 items) 1. Saukko P., Knight B., „Knight’s Forensic Patohology”, Edward Arnold, 2015 2. DiMaio V., DiMaio D., „Forensic Pathology”, CRC Press, 2001 3. "Kodeks Karny - The Penal Code. Wersja Polsko-Angielska", translated into English by: Ewa Łozińska-Małkiewicz, Wydawnictwo Ewa, 2008	
Additional literature and other materials (no more than 3 items)	



1. DiMaio V., „Gunshot Wounds”, CRC Press, 1999
2. DiMaio V., Dana S.E., „Handbook of Forensic Pathology”, CRC Press, 2007
3. Natalie R. Langley, MariaTeresa A. Tersigni-Tarrant, „Forensic Anthropology: A Comprehensive Introduction, Second Edition”; CRC Press, 24 lut 2017

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)
autopsy room, exercise room with multimedia projector

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

Credit in: General Anatomy, Pathology, Physiology.

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)
presence in classes according to study regulations, oral or written response at the end of each semester course ends with a written exam (test).

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	achieving targeted education results in all aspects - exceeding the topic coverage delivered by the primary sources, lectures 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, lectures 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, lectures 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 the lectures and 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 and address of module/course teaching unit, contact: telephone and e-mail address

Forensic Medicine Department
4 Mikulicz-Radecki Str
50-345 Wrocław, Poland
+48717841458, fax +48717840095
a.szafarska@umed.wroc.pl

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

Tomasz Jurek MD ML PhD professor – 071 784 14 74, e-mail: tomasz.jurek@umed.wroc.pl

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

Tomasz Jurek MD ML PhD professor, Forensic Medicine, Law; L
Krzysztof Maksymowicz MD PhD, Forensic Medicine; MC
Jakub Trnka MD PhD, Forensic Medicine; MC
Jerzy Kawecki MD PhD, Forensic Medicine; MC
Wojciech Golema MD, Forensic Medicine; L, MC
Jędrzej Siuta MD, Forensic Medicine; MC
Zbigniew Gąszczyk-Ożarowski MD, ML, Forensic Medicine, Law; MC



Agata Thannhauser MsC, Forensic Anthropology; MC
Marta Siczek, MsC PhD, Forensic Toxicology; MC
Paweł Szpot, MsC PhD, Forensic Toxicology; MC

Date of Syllabus development

29.06.2017 r.

Syllabus developed by


Lek. Wojciech Golema

Signature of Head of teaching unit

Signature of Faculty Dean


wrocław Medical University
FACULTY OF MEDICINE
VICE DEAN FOR ENGLISH
Prof. Andrzej Hendrich, PhD

Uniwersytet Medyczny we Wrocławiu
KATEDRA MEDYCYNY SĄDOWEJ
kierownik
dr hab. n. med. Tomasz Jurek, prof. nadzw.