



Syllabus for academic year: 2020/2021					
Training cycle: .....					
Description of the course					
Module/Course	<b>Forensic medicine with basis of law</b>		Group of detailed education results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Group code D, G</td> <td>Group name Behavioral and social sciences with elements of professionalism. Legal and organizational aspects of medicine</td> </tr> </table>	Group code D, G	Group name Behavioral and social sciences with elements of professionalism. Legal and organizational aspects of medicine
Group code D, G	Group name Behavioral and social sciences with elements of professionalism. Legal and organizational aspects of medicine				
Faculty	Medicine				
Major	Medicine				
Unit realizing the subject	Department of Forensic Medicine				
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	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 (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			7,5											
Online learning (synchronous)	2	,	5											
Distance learning (asynchronous)	2	,	5	7,5										
Summer Semester														
Direct (contact) education				5										
Online learning (synchronous)				5										
Online learning (asynchronous)														
TOTAL per year:														
Direct (contact) education				12,5										
Online learning (synchronous)	2	,	5	5										
Online learning (asynchronous)	2	,	5	7,5										
Educational objectives (max. 6 items)														
<p><b>C1.</b> 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><b>C2.</b> 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><b>C3.</b> Making the students familiar with forensic autopsy techniques and medico-legal examination of the corpses.</p> <p><b>C4.</b> Making the students familiar with kinds of medico-legal examinations of people alive and rules of documenting those examinations.</p> <p><b>C5.</b> 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><b>C6.</b> 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>						
<b>W 01</b>	G.W6.	Knows law regulations concerning medical service, patients' rights, basic of working as physician and functioning of physicians' corporation.			oral response, test			L, MC						



<b>W 02</b>	G.W8.	Knows legal duties of doctors concerning the confirmation of human decease.	oral response, test	L, MC
<b>W 03</b>	G.W9.	Knows legal regulations concerning medical experiment and other scientific activities in medical field.	oral response, test	L, MC
<b>W 04</b>	G.W10.	Knows legal regulations concerning organ transplantations, artificial procreation, abortion, esthetic surgery.	oral response, test	L, MC
<b>W 05</b>	G.W12.	Knows rules of keeping medical secret, keeping medical records, physicians' responsibility in front of criminal, civil and corporate courts.	oral response, test	L
<b>W 06</b>	G.W14.	Knows and understands the sudden death and death of not natural reason, knows the difference between trauma and lesion.	oral response, test	L
<b>W 07</b>	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.	oral response, test	L, MC
<b>W 08</b>	G.W16.	Knows rules of forensic diagnostics and opinion forming in cases of neonaticide and reconstruction of traffic accidents circumstances.	oral response, test	L, MC
<b>W 09</b>	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.	oral response, test	L, MC
<b>W 10</b>	G.W18.	Knows the medical mistake definition, the most common causes of such mistakes and rules of forensic opinion forming in such cases.	oral response, test	L, MC
<b>W 11</b>	G.W19.	Knows the rules of collecting samples for toxicological and genetic analysis.	oral response, test	L, MC
<b>W 12</b>	D. W20.	Knows the rules of evidence based medicine.	oral response, test	L, MC
<b>U 01</b>	G. U3.	Can find proper law acts concerning rules of medical activities and practicing of the doctors profession	oral response – procedure description	MC
<b>U 02</b>	G. U4.	Explains the patients' rights and rules of medical activities to patients	oral response – procedure description	MC
<b>U 03</b>	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

U 04	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
K1		Cooperates with other members of medical team for better safety of medical procedures		
K2		Willingly cooperates with members of medico-legal team for the purpose of medical opinions for the legal agencies		
<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: 3 Skills: 2 Social competences: 1</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			12,5	
2. Online learning hours (e-learning):			17,5	
3. Student's own work (self-study):			24,5	
Total student's workload			54,5	
ECTS points for module/course			2,0	
Comments				
<p><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)</p> <p><b>Lectures</b></p> <ol style="list-style-type: none"> <li>Forensic medicine as a multidisciplinary science. Forensic thanatology. Forensic autopsy. Forensic traumatology. Mechanical trauma-related lesions. Asphyxia.</li> <li>Clinical forensic medicine. Medico-legal opinion forming for the purposes of criminal and civil trial.</li> </ol> <p><b>Practical classes</b></p> <p><b>Practical classes – winter semester (5 days x 3h)</b></p> <ol style="list-style-type: none"> <li>Thanatology. Estimated time and cause of death. Forensic traumatology. Trauma-related lesions. Gunshot wounds and explosion-related lesions. Discussion of the cases.</li> <li>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.</li> <li>Crimes and offences against sexual freedom and proper conduct. Sexual activities causing law responsibility. Abortion. Discussion of cases.</li> <li>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.</li> </ol>				

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 (5 days x 2h)**

Forensic autopsies.

Other

**Basic literature (list according to importance, no more than 3 items)**

1. Saukko P., Knight B., „Knight's Forensic Pathology”, 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 Lozińska-Matkiewicz, 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...)

Computer, autopsy room

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)

Active presence in classes, test at the end of each semester. The course ends with an exam in a written form (test).

Each absence must be made up, including rector's days or dean's hours.

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good(5.0)	20-18 test points
Good Plus (4.5)	15-17 test points
Good (4.0)	12-14 test points
Satisfactory Plus (3.5)	9-11 test points
Satisfactory (3.0)	6-8 test points

<b>Grade:</b>	<b>Criteria</b> (examination evaluation criteria)
Very Good (5.0)	38-40 test points
Good Plus (4.5)	35-37 test points
Good (4.0)	31-34 test points
Satisfactory Plus (3.5)	28-30 test points
Satisfactory (3.0)	24-27 test points



Unit realizing the subject	<b>Department of Forensic Medicine</b>
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Person responsible for module	<b>Tomasz Jurek PhD, Associate Professor</b>
Coordinator	<b>Tomasz Jurek PhD, Associate Professor</b>
Telephone	<b>71 784 14 74</b>
E-Mail	<b><u>tomasz.jurek@umed.wroc.pl</u></b>

<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>
<b>Tomasz Jurek</b>	PhD, Assoc. Prof.	Forensic Medicine, Law	Professor	L
<b>Wojciech Golema</b>	M. D.	Forensic Medicine	Assistant	L, MC
<b>Jędrzej Siuta</b>	M. D.	Forensic Medicine	Assistant	MC
<b>Marta Siczek</b>	PhD	Organic chemistry	Assistant Prof.	MC
<b>Małgorzata Małodobra-Mazur</b>	PhD	Genetics	Assistant Prof.	MC
<b>Agata Thannhauser</b>	M.Sc.	Forensic anthropology	Assistant	MC

**Date of Syllabus development**

.....30.09.2020.....

**Syllabus developed by**

.....Wojciech Golema M.D. ....

**Signature of Faculty Dean**

Wrocław Medical University  
Faculty of Medicine  
Vice-Dean for Clinical Studies  
.....  
Prof. Beata Szturcowa, PhD

**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
KATEDRA MEDYCZYNY SĄDOWEJ  
Kierownik

.....dr hab. n. med. Tomasz Jurek, prof. państw.....