



Syllabus 2020/2021														
Description of the course														
Module/Course	Forensic medicine with basis of law		Group of detailed education results											
			Group code D, G	Group name Behavioral and social sciences with elements of professionalism. Legal and organizational aspects of medicine.										
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 <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														
Department of Forensic Medicine	5			15										
Summer Semester														
Department of Forensic Medicine				10										



TOTAL per year:												
	5			25								

Educational objectives (max. 6 items)

- 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).
- 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).
- C3.** Making the students familiar with forensic autopsy techniques and medico-legal examination of the corpses.
- C4.** Making the students familiar with kinds of medico-legal examinations of people alive and rules of documenting those examinations.
- C5.** Making the students familiar with basic definitions and problems of forensic toxicology, including drugs abuse and other abused substances, problems of forensic genetics.
- C6.** Making the students familiar with medico-legal opinion in the criminal and civil trial.

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>
K 01	G.W5	Knows law regulations concerning medical service, patients' rights, basic of working as physician and functioning of physicians' corporation.	oral response, test	L, MC
K 02	G.W7	Knows legal duties of doctors concerning the confirmation of human decease.	oral response, test	L, MC
K 03	G.W8	Knows legal regulations concerning medical experiment and other scientific activities in medical field.	oral response, test	L, MC
K 04	G.W9	Knows legal regulations concerning organ transplantations, artificial procreation, abortion, esthetic surgery.	oral response, test	L, MC
K 05	G.W11	Knows rules of keeping medical secret, keeping medical records, physicians' responsibility in front of criminal, civil and corporate courts.	oral response, test	L
K 06	G.W12	Knows and understands the sudden death and death of not natural reason, knows the	oral response, test	L



		difference between trauma and lesion.		
K 07	G.W13	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
K 08	G.W14	Knows rules of forensic diagnostics and opinion forming in cases of neonaticide and reconstruction of traffic accidents circumstances.	oral response, test	L, MC
K 09	G.W15	Knows the rules of expert's opinion forming in criminal cases.	oral response, test	L, MC
K 10	G.W16	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
K 11	G.W17	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
K 12	G.W18	Knows the rules of collecting samples for toxicological and genetic analysis.	oral response, test	L, MC
K 13	D. W23	Knows the rules of evidence based medicine.	oral response, test	L, MC
S 01	G.U5	Explains the patients' rights and rules of medical activities to patients	case presentation	MC
S 02	G.U6	Is able to create medical documents for the purpose of law enforcement agencies.	test of practical skills	
S 03	G.U7	In case of examination of children can recognize behavioral changes and symptoms indicating the possibility that the child is domestic violence victim.	practical evaluation	MC
S 04	G.U8	Can act in a manner to avoid medical errors.	test of practical skills	MC
S 05	G.U9	Is able to collect - according to rules - samples of blood for the purposes of toxicological analysis and preserving samples for genetic analysis.	practical evaluation	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

Student's amount of work (balance of ECTS points)	
Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	30
2. Student's own work (self-study):	24,5
Total student's workload	54,5
ECTS points for module/course	2,0
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

1. Forensic medicine as a multidisciplinary science. Forensic thanatology. Forensic autopsy. Forensic traumatology. Mechanical trauma-related lesions. Asphyxia.
2. Clinical forensic medicine. Medico-legal opinion forming for the purposes of criminal and civil trial.

Practical classes – winter semester (5 days x 3h)

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 (5 days x 2h)

1. Forensic autopsies.

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., Dana S.E., „Handbook of Forensic Pathology”, CRC Press, 2007
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., DiMaio D., forensic Pathology”, CRC Press, 2001
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...)
lecture 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, 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).

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.

Grade:	Criteria for course
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

Grade:	Criteria for exam (if applicable)
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

Name of unit teaching course:	Forensic Medicine Department
Address	4 J. Mikulicz-Radecki Str., 50-345 Wrocław, Poland
Phone	71 784 14 58
E-mail	a.szafranska@umed.wroc.pl

Person responsible for course:	Tomasz Jurek PhD, Associate Professor
Phone	71 784 14 74
E-mail	tomasz.jurek@umed.wroc.pl

List of persons conducting specific classes:	degree/scientific or professional title	Discipline	Performer profession	Form of classes
Tomasz Jurek	PhD, Assoc. Prof.	Medicine, Law	Professor	L
Wojciech Golema	M. D.	Medicine	Assistant	L, MC.
Jędrzej Siuta	M. D.	Medicine	Assistant	MC
Krzysztof Maksymowicz	PhD, Assoc. Prof.	Medicine	Assistant Prof.	MC
Marta Siczek	PhD	Organic chemistry	Assistant	MC



			Prof.	
Małgorzata Małodobra-Mazur	PhD	Genetics	Assistant Prof.	MC
Paweł Szpot	PhD	Medicine	Assistant Prof.	MC
Agata Thannhauser	M.Sc.	Anthropology	Assistant	MC

Date of Syllabus development

15.05.2020

Syllabus developed by

Wojciech Golema M.D.

Signature of Head of teaching unit

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

Signature of Faculty Dean

Wrocław Medical University
Faculty of Medicine
Vice-Dean for Postgraduate Studies
prof. Beata Sołtyszczyńska, PhD