Załącznik nr 5 do zarządzenia nr 189/2025

COURSE SPECIFICATION

Course code: 0912-7LEK-C-FM
Course title in Polish: Medycyna sądowa
Course title in English: Forensic medicine

1. Placement of the course within the study programme

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's studies
1.4. Profile of study	General surgery
1.5. Course specification author	Karol Romaszko MD, specialist of forensic medicine
1.6. Contact	karol.romaszko@ujk.edu.pl https://patomorfologia.ujk.edu.pl

2. Generał characteristics of the course

2.1. Language of instruction	English
2.2. Entry requirements	Anatomy, physiology, pathology, medical law

3. Detailed characteristics of the course

3.1. Type of classes	LECTURE : 20 , CLASSES – 15 PRACTICAL CLASSES : 5
3.2. Place of course delivery	Courses in teaching rooms of the UJK
3.3. Form of assessment	LECTURE– Exam, CLASSES - Credit Lectures are mandatory in accordance with Chapter III, §7, subsection 3, point 2.
3.4. **Teaching methods**	seminar lecture, discussion, case study in natural conditions
3.5.a. Basic reading list	1. DiMaio V., DiMaio D., „Forensic Pathology", 2nd ed., CRC Press 2001; 2. Saukko P., Knight B., „Knight's Forensic Pathology", Edward Arnold 2004
3.5.b. Supplementary reading list	1. Jason Payne-James, Richard Jones, „Simpson's Forensic Medicine", 14th ed., CRC Press 2019; 2. Burkhard Madea, „Handbook of forensic medicine" 1st ed., Wiley-Blackwell 2014.

4. Objectives, content and learning outcomes

4.1. Course objectives (taking into account the form of classes)

C1. Getting students acquainted with the basic issues of forensic thanatology (types and causes of death, pathomechanism of death, spontaneous postmortem changes that preserve the corpse, decay of a corpse, skeletonization).
C2. Getting students acquainted with the basic issues of forensic traumatology (types of injuries, mechanisms of their occurrence, types of tools, reconstructions of road accidents and other random events with a fatal result or with injuries of the body).
C3. Getting students acquainted with the autopsy technique and forensic autopsies.
C4. Getting students acquainted with the types of forensic examinations of living people and the principles of preparing documentation of these examinations.
C5. Introducing students to basic concepts and issues in the field of forensic toxicology with particular emphasis on narcotic drugs and stimulants as well as issues in the field of forensic genetics.
C6. Court and medical judgments in criminal and civil proceedings.

4.2. Detailed syllabus

Lectures:

1. Forensic medicine as an interdisciplinary science. Forensic tanatology. Forensic autopsies of human corpses.
2. Forensic-medical traumatology. Injury of the human body and trauma. Types of wounds and other injuries.
3. Violent vs. sudden death. Types of violent death: violent asphyxiation, electric shock, hypothermia, flams and burns injuries, radiation injuries. Homicide, suicide, accidental death.
4. Corpse with unknown identity. Identification of human remains. Dismemberment of a body. Infanticide. Abused child syndrome, domestic violence.
5. Jurisprudence and medical decisions in the criminal law and civil law. Determination of ability to serve a prison sentence.

Classes:

1. Forensic autopsies. Death - legal regulations in Poland.
2. Road accidents. Gunshots injuries and explosions injuries. Case studies.
3. The external postmortem examination of the human body at the place where the body was found. Types of biological traces. Securing traces. Identification of the type of traces - laboratory possibilities. Group and individual identification of traces. Case studies.
4. Fundamentals of forensic toxicology. Ethanol. Poisons and other intoxicating substances. Legal regulations regarding ethanol and narcotic drugs. Case studies.
5. Sexual violence and sexual abuse. Termination of pregnancy (abortion). Case studies.

Practical classes:

1. Crimes against life and health. Criminal qualification of the effects of bodily injuries (the criminal law in Poland - article 156, 157, 217 of the Penal Code). Case studies. Medical error. Legal and medical opinions in civil law. Determining the damage to health. Medical elements in determining the scope and amount of compensation. Case studies.
2. Post-mortem examination - forensic autopsy (if possible - depending on the order of the post-mortem examination by the Prosecutor's Office).

4.3 Course learning outcomes

Course learning outcomes (code)	Upon completion of the course, the student	Alignment with programme learning outcomes
in the area of **KNOWLEDGE**, the graduate:		
W01	knows and understands the concept of death, violent and sudden death, as well as the difference between the concepts of injury or damage;	G.W14.
W02	knows legal basis and rules of conduct concerning medical examination of the corpse in the place of their disclosure and legal and medical examination of the corpse;	G.W15.
W03	knows the principles of medico-legal diagnosis and issuing opinions in cases involving infanticide and reconstruction of a road accident;	G.W16.
W04	knows the rules of issuing medical and legal opinions concerning: the ability to participate in legal procedures; biological effect and damage to health;	G.W17.
W05	knows the concept of a medical error, the most common causes of medical errors and the principle of giving opinions in such cases;	G.W18.
WO6	knows the rules for the collection of material for toxicological studies.	G.W19.
in the area of **ABILITIES**, the graduate:		
U01	explains to the people who use medical services their basic rights and the legal basis for providing medical benefits;	G.U3.

U02	applies legal regulations for the issuance of medical certificates for the needs of patients, their families and external institutions;	G.U4.
U03	during child examination recognizes symptoms indicating the possibility of using violence against the child;	G.U5.
U04	collects blood for toxicological studies and secures the material for hemogenetic research in accordance with given principles.	G.U7.

in the area of social competences:

K01	establish and maintain deep and respectful contact with the patient and show understanding towards ideological and cultural differences;	H.S1.
K02	do what is right for the patient;	H.S2.
K03	respect medical confidentiality and patient's rights;	H.S3.
K04	take actions concerning the patient on the basis of ethical principles, being aware of social conditions and restrictions resulting from illness;	H.S4.
K05	recognize his/her own limitations and self-evaluate educational deficiencies and needs;	H.S5.
K06	promote healthy lifestyle;	H.S6.
K07	use reliable information sources;	H.S7.
K08	conclude on the basis of own surveys and observations;	H.S8.
K09	introduce rules of social conduct and teamwork to the group of specialists, including specialists form other medical professions also in the multicultural and multinational environment;	H.S9.
K10	give opinions concerning various aspects of professional activity;	H.S10.
K11	take responsibility for own decisions made during professional activities including own safety and safety of other people;	H.S11.

4.4 Assessment methods for learning outcomes

Assessment method (+/-)

Course learning outcomes (code)	Oral/written/ practical examinaion /other (specify)*	Test*	Project*	In-class activity*	Independent study*	Group work*	Other (specify)*

Type of classes

1: / 2:	L	S	CP	L	S	PC	L	S	PC	L	S	PC	L	S	PC	L	S	PC	L	S	PC
W01-W06	+																				
U01-U33	+																				
K01-K11	+																				

Annotation. 1: form of classes; 2: learning outcomes

4.5 Assessment criteria for learning outcomes

Type of classes:

Lectures (L) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	61-68% from the single-choice test (60 questions; 5 options for each question).
3,5	69-76% from the single-choice test (60 questions; 5 options for each question).
4,0	77-84% from the single-choice test (60 questions; 5 options for each question).
4,5	85-92% from the single-choice test (60 questions; 5 options for each question).

5,0	93-100% from the single-choice test (60 questions; 5 options for each question).

Classes (Cl) (including classes conducted with the use of distance learning methods and techniques)

Form	Grade	Assessment criteria
classes (C)*	**3**	61-68% Mastering the content of the subject at the basic level, chaotic answers, necessary leading questions.
	3,5	69-76% Mastering the content of the subject at the basic level, systematic answers, requires teacher's help.
	4	77-84% Mastering the content of the subject at the basic level, systematic, independent answers. Troubleshooting in typical situations.
	4,5	85-92% The scope of the presented knowledge goes beyond the basic level based on the supplementary literature provided. Problem solving in new and complex situations.
	5	93-100% The scope of the presented knowledge goes beyond the basic level based on self-acquired scientific sources of information.

5 ECTS credit allocation – student workload

Category	Student workload (full-time mode)
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER (CONTACT HOURS)	**40**
Participation in lectures*	**20**
Participation in seminars/laboratories*	**17**
Other (specify) e.g. classes conducted with the use of distance learning methods and techniques*	3*
INDEPENDENT STUDY (NON-CONTACT HOURS)	**10**
Preparation for lectures*	**5**
Preparation for seminars/laboratories*	**5**
Preparation for examination/test*	
Gathering materials for project, online research*	
Preparation of a multimedia presentation*	
Other (specify)*	
TOTAL HOURS	**50**
ECTS CREDITS for the course	**2**

***** e-learning (without participation of the lecturer)

Approved for implementation (date and legible signatures of course instructors in the given academic year):

.....