



## FIȘA DISCIPLINEI MEDICINA LEGALA – MODUL ENGLEZĂ

### 1. Date despre program

1.1.	UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE "CAROL DAVILA"
1.2.	FACULTATEA DE MEDICINA / DEPARTAMENTUL ȘTIINTE MORFOLOGICE
1.3.	LEGAL MEDICINE AND BIOETHICS DISCIPLINE
1.4.	DOMENIUL DE STUDII: LEGAL MEDICINE
1.5.	CICLUL DE STUDII: LICENCE
1.6.	PROGRAMUL DE STUDII: DAY

### 2. Date despre disciplină

2.1.	Denumirea disciplinei : LEGAL MEDICINE						
2.2.	Titularul activităților de curs						
2.3.	Titularul activităților de seminar:						
2.4. Anul de studiu	VI	2.5. Semestrul	XI-XII	2.6. Tipul de evaluare	Examen	2.7. Regimul disciplinei	Oblig

### 3. Timpul total estimat (ore/semestru de activitate didactică)

3.1. Nr ore pe săptămână	5	din care : 3.2. curs	2	3.3. seminar/ laborator	3
3.4. Total ore din planul de învățământ	40	Din care : 3.5. curs	16	3.6. seminar/ laborator	24
Distributia fondului de timp					ore
Studiul după manual, suport de curs, bibliografie și notițe					
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					
Pregătire seminarii / laboratoare, teme, referate, portofolii și eseuri					
Tutoriat					
Examinări					
Alte activități					

3.7. Total ore de studiu individual		
3.9. Total ore pe semestru		
3.10. Numărul de credite	LEGAL MEDICINE	3

#### 4. Precondiții (acolo unde este cazul)

4.1. de curriculum	Not necessary
4.2. de competențe	Not necessary

#### 5. Condiții (acolo unde este cazul)

5.1. de desfășurare a cursului	Projector and laptop
5.2. de desfășurare a seminarului / laboratorului	Projector and laptop

#### 6. Competențe specifice acumulate

6.1 Competențe profesionale (exprimate prin cunoștințe și abilități)	<ul style="list-style-type: none"> <li>• Death diagnosis and postmortem criteria underlying the standard diagnosis</li> <li>• Description of death mechanisms in main physiopathological syndromes</li> <li>• Description of the mechanisms that cause traumatic injuries, depending on the type of the traumatic agent</li> <li>• Knowing the effect of mechanical, physical, chemical and biological agents on human body</li> <li>• Description of how to fill completely and correctly the medical records</li> <li>• Correct filling of the death causes on the medical death certificate</li> <li>• Correct description of traumatic injuries</li> <li>• Elements of autopsy technique</li> <li>• Elements that allow the identification of a deceased person</li> <li>• Identify the cadaveric signs, the death diagnosis, establishing the postmortem interval</li> </ul>
6.2 Competențe transversale (de rol, de dezvoltare profesională, personale)	<ul style="list-style-type: none"> <li>• teamwork skills: in intra, inter and transdisciplinary</li> <li>• oral and written communication skills in the mother language / foreign language</li> <li>• use of information and communication technology</li> <li>• respect for patients' rights and optimal management of the doctor-patient relationship</li> <li>• shared decision making</li> <li>• tolerance of diversity and multiculturalism,</li> <li>• learner autonomy</li> <li>• initiative and entrepreneurship</li> <li>• the respect and development of ethical professional values</li> </ul>

#### 7. Obiectivele disciplinei (reieșind din grila competențelor specifice acumulate)

7.1. Obiectivul general	Knowledge in the medical field, the understanding and use of specific terminology, explanation of biological phenomena and their correct interpretation, creativity and innovation, autonomy and professional responsibility, social implication and group interaction, personal and professional development.
7.2. Obiective specifice	The death diagnosis, writing the medical death certificate, explaining the cadaveric signs, postmortem interval setting, evaluation of medical causes of death, traumatic injuries and severity assessment, medical care in the context of clinical death, terminal state ethics, duty ethics of emergency medical care, ethics of brain death and tissue and organ transplantation.

## 8. Conținuturi

8.1. Curs	Metode de predare	Observații
1. Thanatology, diagnosis of death, vital reaction, anthropology, forensic entomology	Lecture and media presentation	Lecture 1 = 2h
2. Death diagnosis.	Lecture and media presentation	Lecture 1 = 2h
3. Sudden death. Filling the death certificate	Lecture and media presentation	Lecture 1 = 2h
4. Forensic traumatology. Mechanical trauma agents and traumatic injuries. Head injuries. The traumatic shock. Physical traumatic agents: exposure to high and low temperatures, pressure, electricity, explosions.	Lecture and media presentation	Lecture 1 = 2h
5. Chemical Traumatic Agents: Forensic Toxicology; general toxic substances and narcotics. Traumatic biological agents	Lecture and media presentation	Lecture 1 = 2h
6. Circumstances of trauma and death. The fall, precipitation, shooting, explosions. Aggression by human means, self inflicted aggression, battered child syndrome, road, naval traffic accidents; Asphyxia (anoxia).	Lecture and media presentation	Lecture 1 = 2h
7. Forensic sexology (abortion, infanticide), forensic genetics (criminal, filiation), forensic serology (blood groups, HLA)	Lecture and media presentation	Lecture 1 = 2h
8. Forensic psychiatry. Simulation of traumatic injuries and diseases. Causality in legal medicine. Elements of medical professional liability.	Lecture and media presentation	Lecture 1 = 2h
<b>Bibliografie:</b> <b>Legal medicine – powerpoint slides</b>		
8.2. Seminar / laborator	Metode de predare	Observații
1. Introduction: History of legal medicine in Romania; The organization of medico-legal system. Types of medico-legal examinations. Reasons for requesting a medico-legal examination. Types of medico-legal expertises and reports	Lecture and media presentation	Lecture 1 = 3h
2. The disjunctive criteria of the death diagnosis.	Lecture and media presentation	Lecture 1 = 3h
3. Violent death and non-violent death. The suspect death. Common causes of sudden death. Filling the medical death certificate in violent and non-violent causes of death.	Lecture and media presentation	Lecture 1 = 3h
4. Medico-legal examination of the of the living person: record of traumatic injuries, sexual assault	Practical aspects of direct examination, clinical cases	Lecture 1 = 3h
5. Medico-legal laboratory	Practical aspects of direct examination, clinical cases	Lecture 1 = 3h
6. Medico-legal autopsy – violent death - suicide	Presence in autopsy room, direct examination	Lecture 1 = 3h
7. Medico-legal autopsy – violent death – accident	Presence in autopsy room, direct examination	Lecture 1 = 3h
8. Medico-legal autopsy – sudden death. Medio-legal Museum	Presence in autopsy room, direct examination	Lecture 1 = 3h
<b>Bibliografie:</b> <b>1. Legal medicine – powerpoint slides</b>		

## 9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului

The content of the discipline is correlated with the legal medicine residency curriculum ensuring an optimal transversal transfer of knowledge to the medical student as well as to the resident medical doctor in legal medicine based on university education, which determines the optimization of the physician relationship with the patient and the family and facilitates access of graduates to the medical labour market.

The grounds of the quality and competence of forensic doctor as well as of the institutional relations with other medical and legal institutions are set up.

## 10. Evaluarea

Tip de activitate	8.1. Criterii de evaluare	8.2. Metode de evaluare	8.3. Pondere din nota finală
10.1 Curs	Fulfillment of required standards	Written examination	80%
10.2 Seminar / laborator	Fulfillment of required standards	Oral examination	20%

### Standard minim de performanță

Note 5 correspond to: (1) the death diagnostic criteria, (2) the correct filling of the medical death certificate, (3) the correct description and record of traumatic injuries, (4) the circumstances when the forensic autopsy is required, (5) circumstances of death (mechanical traumatic agents – road traffic injuries, physics -hypothermia, chemical – carbon monoxide, alcohol, cocaine, mushroom intoxication)

