



FORENSIC MEDICINE

Enrollment year	2015/2016
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/43 (LEGAL MEDICINE)
Department	DEPARTMENT OF INTERNAL MEDICINE AND THERAPEUTICS
Course	MEDICINE AND SURGERY
Curriculum	PERCORSO COMUNE
Year of study	6°
Period	2nd semester (01/03/2021 - 15/06/2021)
ECTS	4
Lesson hours	32 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	FASSINA GIOVANNI - 1 ECTS MORINI LUCA - 1 ECTS PREVIDERE' CARLO - 1 ECTS TRONCONI LIVIO PIETRO - 1 ECTS
Prerequisites	Having passed all 5th year exams
Learning outcomes	<p>The course aims to make the sixth year students (degree in Medicine and Surgery) aware of the basic topics of Forensic Medicine, in particular the essential knowledge to any non-specialist doctor in Forensic Medicine. The lessons will mainly focus on diagnosis and certification of death and post-death phenomena, elements of criminal and civil law and medical professional liability, and elements of criminal and civil procedure. Students will be educated on the principles of thanatology, which are essential for carrying out any specialty of the medical profession.</p> <p>With regard to the forensic toxicological discipline, we want to describe in detail the concepts of poison and poisoning, pertinent to the most</p>

common cases of interest, especially in the interpretation of the results that must have administrative and medical-legal value.
As far as forensic genetics is concerned, the methodological approach used to deal with investigations for forensic identification purposes and investigations relating to ascertaining paternity or, more generally, kinship will be illustrated.

Course contents

- 1) Introduction to Forensic Medicine: nature and definition of death, informational activity of the doctor regarding death.
- 2) postmortal phenomena and thanatochronology.
- 3) sexual violence
- 4) elements of criminal law
- 5) elements of civil law
- 6) elements of criminal procedure: expertise and technical advice.
- 7) elements of civil procedure: official technical advice.
- 8) medical professional liability in criminal and civil matters.
- 9) medical records and certificates.
- 10) FORENSIC PATHOLOGY:
 - asphyxiation
 - gunshot injury
 - injury from white weapon
 - injuries from blunt instruments
 - injury from heat and electricity
- 11) FORENSIC TOXICOLOGY:
 - introduction to the discipline and its application fields
 - articles of the Criminal Code and other laws pertaining to the forensic toxicological issue
 - chemical and legislative aspects of narcotic and psychotropic substances
 - ethyl alcohol
 - alcohol, drugs and driving
 - carbon monoxide poisoning
 - notions of acquisition of completely reliable chemical-toxicological data
- 12) FORENSIC GENETICS:
 - judicial inspection in search of biological traces
 - biological diagnosis
 - the genetic profile and interpretation criteria
 - molecular anthropology and disaster victim identification (DVI)
 - paternity and kinship investigations
 - behavioural genetics

Teaching methods

The course is organized through lectures which may, if necessary, be supplemented by practical exercises.

Reccomended or required readings

Clemente Puccini, Istituzioni di Medicina Legale, Terza edizione.

Assessment methods

Oral exam
(general questions chosen by the teacher, supplemented by more in-depth questions)

Further information

The medical legal discipline will be taught with the aim of practical applications in all fields of medicine, from certifications to professional responsibility, to traumatic injury and to the principles of thanatology,

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with perspectives and examples for each specialist branch and for the common acts of the medical profession.

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