



48SJ-FORMED

ECTS: 3

YEAR: 2024Z

FORENSIC MEDICINE

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COURSE CONTENT CLASSES

1 Post-mortem examination: External examination of the body surface, assessment of postmortem changes and estimating the time of death. Examination techniques and methodology of post-mortem examination. Guidelines on the collection of biological specimens for further testing (histopathology, toxicology, and genetics). Note keeping and statement/report writing following an autopsy. 2 Thanatology: Mechanisms of death, post-mortem changes to the body and crime scene investigation. 3. Asphyxia. 4 Carbon monoxide poisoning, hypothermia, fire accidents and burn injury. 5 Body surface injuries, including injuries resulting from Road Traffic Accidents. 6 Firearms and gunshot injury. 7 Recommendations on the collection of samples and specimens for toxicological purposes. 8 Neonaticide, infanticide and Sudden Infant Death Syndrome. 9 A forensic medical examination in criminal and civil litigation.

LECTURES

there is no classes

EDUCATIONAL OBJECTIVE:

C1. Students will be introduced to various and specific aspects of Forensic Medicine, in particular the issues related to the differences between clinical and forensic practice, a comprehensive approach to report/opinion writing including related biological sciences will be discussed in detail. C2. Students will be familiarised with the basic aspects of Forensic Thanatology, in particular with various mechanisms and causes of death and, post-mortem changes to the body. C3. Students will be familiarised with the basic aspects of Forensic Traumatology, in particular with injury classification, various mechanisms and causes of injury, injury interpretation, including injuries resulting from Road Traffic Accidents. C4. Students will be introduced to methodology of forensic crime scene investigation, examination techniques of post-mortem examination and the collection of forensic samples and specimens for further testing. C5. Students will be introduced to the rules governing a forensic medical examination of victims and suspects, notes-keeping and statement/report/opinion writing. C6. Students will be introduced to the basic aspects of Forensic Toxicology. C7 Students will be introduced to the basic aspects of Forensic Genetics, its benefits and limitations from the Forensic Practitioner/Expert perspective. C8. Students will be familiarised with the principles governing report/opinion writing in criminal and civil litigation. C9 . Students will be introduced to current legal regulations and ethical issues underlying medical practice.

DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES

Codes of learning outcomes in a major field of study:	M/NM+++,
Codes of learning outcomes in a major area of study:	C.U11.+ , C.U19.+ , C.W27.+ , C.W43.+ , C.W44.+ , C.W45.+ , C.W46.+ , D.U9.+ , D.W2.+ , D.W6.+ , E.U22.+ , E.U28.+ , E.U37.+ , E.W14.+ , F.W1.+ , F.W15.+ , G.U9.+ , G.W12.+ , G.W13.+ , G.W14.+ , G.W15.+ , G.W16.+ , G.W17.+ , G.W18.+ , K.5+ ,

LEARNING OUTCOMES:

Knowledge

- W1 - Students will understand various and specific aspects of Forensic Medicine, in particular the issues related to the differences between clinical and forensic practice and the need for a comprehensive approach to report/opinion writing including related biological sciences
- W2 - Students will be familiar with the basic aspects of Forensic Thanatology, in particular with various mechanisms and causes of death and post-mortem changes to the body
- W3 - Students will be familiar with the basic aspects of Forensic Traumatology, in particular with injury classification, various mechanisms and causes of injury, injury interpretation, including injuries resulting from Road Traffic Accidents
- W4 - Students will be aware of the basic aspects of Forensic Toxicology
- W5 - Students will understand basic aspects of Forensic Genetics, its benefits and limitations from the Forensic Practitioner/ Expert perspective
- W6 - Students will understand the principles governing report/opinion writing in criminal and civil litigation

Skills

- U1 - Students will be able to utilise respective examination techniques at the crime scene and during post-mortem examination, including the collection of forensic samples and specimens for further testing
- U2 - Students will be able to conduct a forensic medical examination.

Social competence

- K1 - Students will be aware of principles governing the clinical and forensic practice of Forensic Practitioner

BASIC LITERATURE

- 1) V.J. Di Mayo; D. Di Mayo, Forensic Pathology, Second Edition., wyd. CRC Press LLC, 2001

SUPPLEMENTARY LITERATURE

Course/module:	Forensic Medicine
Fields of education:	
Course status:	mandatory
Course group:	B - przedmioty kierunkowe
ECTS code:	
Field of study:	Medicine
Specialty area:	Medicine
Educational profile:	General academic
Form of study:	full-time
Level of study:	uniform master's studies
Year/semester:	5 / 9

Type of course:	Classes, Laboratory classes, Seminar
Number of hours per semester/week:	Classes: 13, Laboratory classes: 12, Seminar: 20

Teaching forms and methods
Classes(null) : exercises in mortuary - examination of the corps, Laboratory classes(K1, U1, W2, W3, W4, W5, W6) : , Seminar(K1, U1, U2, W1, W2, W3, W4, W5, W6) : multimedia presentations, analysis of criminal and civil files,

Form and terms of the verification results:
CLASSES: Colloquium practical - examination of the corps, analysis of medical documentation(K1, U1, U2, W1, W2, W3, W4, W5, W6) ; CLASSES: Competention test - Competention test - Test contains 50 one choice questions. The passing grade is 70% or more (35 correctly answered questions or more)(K1, U1, U2, W1, W2, W3, W4, W5, W6) ; LABORATORY CLASSES: Competention test - null(K1, U1, U2, W1, W2, W3, W4, W5, W6) ; SEMINAR: Competention test - Competention test - Test contains 50 one choice questions. The passing grade is 70% or more (35 correctly answered questions or more)(K1, U1, U2, W1, W2, W3, W4, W5, W6)

Number of ECTS points:	3
Language of instruction:	English
Introductory courses:	all subjects in ealier semesters
Preliminary requirements:	passing all subjects in ealier semesters

Name of the organizational unit offering the course:
Katedra Patomorfologii i Medycyny Sądowej,
Person in charge of the course:
dr n. med. Piotr Engelgardt,
Course coordinators:

Notes:
seminar: 1 Report/opinion writing in criminal and civil litigations: A forensic medical examination of victims and suspects, interpretation of examination findings and conclusion. 2 Forensic Anthropology. 3 Basic aspects of Forensic Genetics: paternity testing,

identification and testing of various biological specimens. 4 Basic aspects of toxicology, in particular metabolism and effects of alcohol. 5 Neonaticide, infanticide, Sudden Infant Death Syndrome, Child Abuse, Domestic Violence. Guidelines on the collection of forensic samples from victims and suspects following suspected sexual offence. 6 Report/opinion writing based on the case file in criminal and civil litigation – methodology, documentation analysis, interpretation of findings, various mechanisms of trauma. 7 Civil litigations - personal injury classification, case studies. 8 Giving evidence in court (if possible)

Detailed description of the awarded ECTS points - part B

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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	13 h.
- participation in: laboratory classes	12 h.
- participation in: seminar	20 h.
- consultation	5 h.
	50 h.

2. Student's independent work:

- analysis of forensic journals	25 h.
	25 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 75 h : 25 h/ECTS = 3,00 ECTS
on average: **3 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	2,00 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	1,00 ECTS points,