



## Course syllabus - part A Forensic Medicine

**48SJ-FORMED**  
**ECTS: 3.00**  
**CYCLE: 2024Z**

### SUBJECT MATTER CONTENT

#### SEMINAR

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)

#### 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. WYKŁAD: there is no classes, CLASSES LABORATORYJNE: no classes

#### TEACHING 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/

**Legal acts specifying learning outcomes:**  
311/2023

**Disciplines:** medical sciences

**Status of the**

**course:** Obligatoryjny

**Group of courses:** B -

przedmioty kierunkowe

**Code:** ISCED 0912

**Field of study:** Medicine

**Scope of education:**

**Profile of education:**

General academic

**Form of studies:** full-time

**Level of studies:** uniform

master's studies

**Year/semester:** 5/9

**Types of classes:** Seminar,  
Classes, Laboratory classes

**Number of hours in**

**semester:** Seminar: 20.00,

Classes: 25.00

**Language of**

**instruction:** English

**Introductory subject:** all

subjects in earlier semesters

**Prerequisites:** passing all

subjects in earlier semesters

**Name of the organisational unit conducting the course:** Katedra

Patomorfologii i Medycyny

Sądowej

**Person responsible for the**

**realization of the course:** dr

n. med. Piotr Engelgardt

**e-mail:**

piotr.engelgardt@uwm.edu.pl

**Additional remarks:**

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 THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:**

### **Symbols for outcomes related to the discipline:**

M/NMA\_P7S\_WG+++ , M/NMA\_P7S\_KO+

### **Symbols for outcomes related to the field of study:**

KA7\_KO1+ , E.U22.+ , C.W27.+ , C.W44.+ , G.U7.+ , C.W46.+ , D.W6.+ , C.W43.+ , G.W7.+ , E.U28.+ , G.W12.+ , G.W18.+++ , G.W16.+ , K.3.+ , C.U19.+ , G.U9.++ , G.U8.+ , F.W1.+ , G.W17.++ , G.W13.+ , E.U37.+ , E.W14.+ , F.W15.+ , D.W2.+ , G.W15.+ , D.U9.+ , C.W45.+ , C.U11.+ , G.W14.+++

## **LEARNING OUTCOMES:**

### **Knowledge:**

W1 - The student knows 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

W2 - Student knows the basic aspects of Forensic Thanatology, in particular with various mechanisms and causes of death and, post-mortem changes to the body.

W3 - Student knows 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 - Student knows the basic aspects of Forensic Toxicology

W5 - Student knows the basic aspects of Forensic Genetics, its benefits and limitations from the Forensic Practitioner/Expert perspective.

W6 - Student knows the principles governing report/opinion writing in criminal and civil litigation

### **Skills:**

U1 - Student knows the methodology of forensic crime scene investigation, examination techniques of post-mortem examination and the collection of forensic samples and specimens for further testing

U2 - Student knows the forensic medical examination of the patient and knows how to collect forensic samples and specimens from such patient for further testing

### **Social competence:**

K1 - Student is aware of the role of a doctor in terms of the functioning of law enforcement and the judiciary

## **TEACHING FORMS AND METHODS:**

Seminar(W1;W2;W3;W4;W5;W6;U1;U2;K1;):power point presentation, discussion

Classes(W1;W2;W3;W4;W5;W6;U1;U2;K1;):analysis of medical documentation

## **FORM AND CONDITIONS OF VERIFYING LEARNING**

### **OUTCOMES:**

Seminar (Competention test) - Competention test - Test contains 50 one choice questions. The passing grade is 60% or more (30 correctly answered questions or more) -

Classes (Colloquium practical) - knowledge -

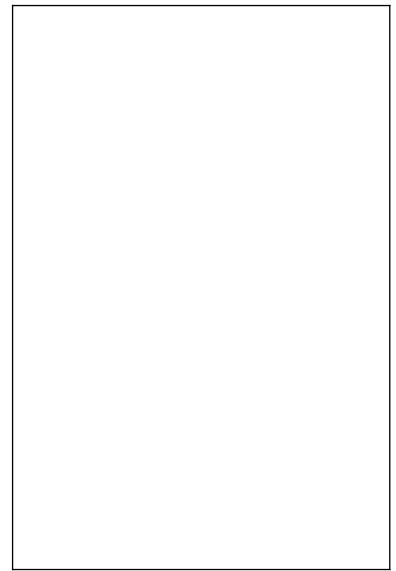
Laboratory classes (Colloquium practical) - talk with student, analysis od medical documentation -

### **BASIC LITERATURE:**

1. V. J. DiMayo, D. DiMayo, *Forensic Pathology*, Wyd. CRC Press LLC, R. 2021

### **SUPPLEMENTARY LITERATURE:**

1. Pekka Saukko, Bernard Knight, *Knight's Forensic Pathology*, Wyd. CRC Press, R. 2016



## Detailed description of ECTS credits awarded - part B

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### Forensic Medicine

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Seminar	20.0 h
- participation in: Classes	25.0 h
- participation in: Laboratory classes	0.0 h
- consultation	5.0
	Total: 50.0 h.

2. Independent work of a student:

study of literature	25.00 h
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Total: 25.0 h

contact hours + independent work of a student Total: 75.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 75.0 h : 25.0 h/ECTS = 3.00 ECTS on average: 3.0 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: