



---

Course title: CRIMINAL INVESTIGATION AND FORENSIC SCIENCE

ECTS credit allocation (and other scores): 8

Semester: spring

Level of study: ISCED-7- long-cycle programmes (EQF-7)

Branch of science: Social sciences

Language: English

Number of hours per semester: 30

Course coordinator/ Department and e-mail: Denis Solodov/Law and Administration: denis.solodov@uwm.edu.pl

---

Type of classes: classes

Substantive content

CLASSES: The history of forensic sciences. The fundamental principles of forensic identification. Forensic evidence – definition, classifications. Human forensic identification – methods, current challenges. Identification of unknown human remains – DVI Guide standards, current practical challenges. Firearms forensics. Traceology. Mechanoscopy. Digital forensics. Crime scene examination. 3D scanning on a crime scene. Police interrogation and interview tactics.

LECTURES: -

Learning purpose: Students acquire knowledge in the field of modern forensics including the methods of human identification, basic firearm examination, crime scene examination, forensic 3D scanning and modelling

---

On completion of the study programme the graduate will gain:

Knowledge: students gain specialized knowledge in the field of modern forensic technics and methods of criminal investigation

Skills: students can identify and execute appropriate investigative technics

Social Competencies: students understand the necessity of further learning and professional developing

---

Basic literature: 1. Sessa, Francesco, Forensic Science and Legal Medicine, Basel 2022

2. Dumache, Raluca ; Palermo, Sara, Criminology and Post-Mortem Studies, IntechOpen 2021

Supplementary literature:

1. F. Gonzalez-Andrade, Forensic genetics research progress, Nova Science 2022

2. Baldini, Gianmarco ; Amerini, Irene ; Leotta, Francesco, Image and Video Forensics, Basel 2022

3. Morling, Niels, Advances in Forensic Genetics, Basel 2022

---

The allocated number of ECTS points consists of: classes

Contact hours with an academic teacher: : 1.5 hour every second week

Student's independent work: analysing the chosen legal texts