



The Hebrew University of Jerusalem

Syllabus

Basic Aspects in Forensic Science for Criminologists - 61206

Last update 13-10-2024

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Criminology

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Elazar (Azi) Zadok

Coordinator Email: azizadok@gmail.com

Coordinator Office Hours:

Teaching Staff:

Dr. Azi Zadok

Course/Module description:

Introduction of fundamental issues in Forensic Science and their contribution to criminal investigation; Basic introduction to the scientific techniques used by Forensic Scientists.

Course/Module aims:

Criminology students will acquire basic knowledge of Forensic Science, its methods and contribution to the wide framework of the criminal investigation.

Learning outcomes - On successful completion of this module, students should be able to:

To understand the importance of Forensic Science and appreciate the performance strategy of the Forensic Scientist; Consider the possible contribution of Forensic science to their work as criminologists.

Attendance requirements(%):

80%

Teaching arrangement and method of instruction: Class lectures with Power point presentations.

Course/Module Content:

Historic overview; Basic concepts; Crime scene investigation; The use of field kits; Scientific evaluation of exhibits in the lab: Chemical, biological, physical and engineering techniques; Forensic databases and their utilization; Comparative evidence of all sorts; Forensic expert opinion and ethics; Identification of victims of terror events and mass disasters; Forensic intelligence; Glance at investigative Psychology etc.

Required Reading:

- Siegel Jay A. "Forensic Science: The Basics", CRC Press 2015
2. Saferstein, Criminalistics: Introduction to Forensic Science, 10th edition
3. קולין אוואנס, (1998), יומני חקירה, הוצאת כרטא, ירושלים.

Additional Reading Material:

Grading Scheme:

Written Exam % 80

Essay / Project / Final Assignment / Home Exam / Referat 20 %

Additional information:

*During the course a task will be given, comprising 20% of the final course grade.
The task will deal with analysis of forensic evidence in a court verdict*