**COURSE OUTLINE**

1. **GENERAL**

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| **SCHOOL** | School of Health Sciences | | | | |
| **ACADEMIC UNIT** | Faculty of Medicine | | | | |
| **LEVEL OF STUDIES** | Undergraduate | | | | |
| **COURSE CODE** | ΙΑΥ908 | **SEMESTER** | | **12** | |
| **COURSE TITLE** | **FORENSIC MEDICINE AND TOXICOLOGY** | | | | |
| **INDEPENDENT TEACHING ACTIVITIES** *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits* | | | **WEEKLY TEACHING HOURS** | | **CREDITS** |
| Lectures | | | 4 | | 4 |
|  | | |  | |  |
|  | | |  | |  |
| *Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (4).* | | |  | |  |
| **COURSE TYPE**  *general background,  special background, specialised general knowledge, skills development* | Specialised general knowledge. | | | | |
| **PREREQUISITE COURSES:** | - | | | | |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS:** | Greek | | | | |
| **IS THE COURSE OFFERED TO ERASMUS STUDENTS** | No | | | | |
| **COURSE WEBSITE (URL)** | https://ecourse.uoi.gr/enrol/index.php?id=2261 | | | | |

1. **LEARNING OUTCOMES**

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| **Learning outcomes** | |
| *The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.*  *Consult Appendix A*   * *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area* * *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B* * *Guidelines for writing Learning Outcomes* | |
| **Specific knowledge on the scientific background and the routine casework of Forensic Medicine, Forensic Toxicology and the other Forensic Sciences.**  ● Discuss forensic sciences using the appropriate medical and forensic terminology.  ● List and explain the various causes of death that warrant a medicolegal investigation.  ● Apply the basic concepts and theories of forensic medicine and toxicology to occurrences in the criminal justice system  ● Explain the importance of thorough toxicology investigations in the criminal justice system.● Understand and evaluate i**ssues of medical liability – medical negligence -** ethical and moral aspects of medicine. | |
| **General Competences** | |
| *Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?* | |
| *Search for, analysis and synthesis of data and information, with the use of the necessary technology*  *Adapting to new situations*  *Decision-making*  *Working independently*  *Team work*  *Working in an international environment*  *Working in an interdisciplinary environment*  *Production of new research ideas* | *Project planning and management*  *Respect for difference and multiculturalism*  *Respect for the natural environment*  *Showing social, professional and ethical responsibility and sensitivity to gender issues*  *Criticism and self-criticism*  *Production of free, creative and inductive thinking*  *……*  *Others…*  *…….* |
| Decision-making  Working in an interdisciplinary environment | |

1. **SYLLABUS**

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| Introduction to Forensic Medicine, Forensic Toxicology, and other Forensic Sciences. The pathophysiology of death - postmortem changes and the estimation of time of death - medicolegal death investigation - the autopsy.  Sudden and unexpected deaths due to natural causes: autopsy - histology -toxicology.  Classification and documentation of injuries; Blunt force injuries; Sharp force injuries; Head injuries; Wound ballistics; Heat, cold and electrical trauma; Motor vehicle accidents.  Suffocation – asphyxia / drowning/submersion /immersion deaths.  Medicolegal and forensic considerations in sexual violence and crimes against sexual freedom - Sex related deaths.  Deaths and injuries in infancy and childhood  Toxic substances of forensic interest: alcohol, drugs of abuse, other psychotropic and prescription drugs; drug facilitated sexual assault / forensic and legal implications.  Postmortem Forensic Toxicology - Drug and alcohol related deaths.  Forensic Anthropology: identification of unknown individuals, identification of human remains / forensic DNA analysis.  Legal and ethical issues in the practice of medicine and forensic sciences.  CLINICAL PRACTICE: Each student attends and takes part in at least one autopsy in the morgue. |

1. **TEACHING and LEARNING METHODS - EVALUATION**

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| --- | --- |
| **DELIVERY** *Face-to-face, Distance learning, etc.* | Face-to-face |
| **USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY** *Use of ICT in teaching, laboratory education, communication with students* | Use of ICT in teaching, communication with students |
| **TEACHING METHODS**  *The manner and methods of teaching are described in detail.*  *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.*  *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS* | |  |  | | --- | --- | | ***Activity*** | ***Workload of each students group*** | | Lectures | 40 | | Tutorials | 30 | | Study | 30 | |  |  | |  |  | | **Total** | **100** | |
| **STUDENT PERFORMANCE EVALUATION**  *Description of the evaluation procedure*  *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other*  *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.* | Language of evaluation: Greek  Multiple choice questionnaires for student performance evaluation |

1. **ATTACHED BIBLIOGRAPHY**

*Teaching - study material*

* Book [41402]: Ιατροδικαστική, Α. ΚΟΥTΣΕΛΙΝΗΣ
* Book [42054]: Κλινική Τοξικολογία, Harris Carson R.
* Book [94963616]: Εγχειρίδιο Κλινικής Ιατροδικαστικής, Χαρά Σπηλιοπούλου, Κωνσταντίνος Κάτσος.
* Tutors notes / slides.