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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Forensic Medicine** | **MED****5017** | **IX** | **Mandatory** | **33** | **3** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences
* Higher Medical Educational Program “Medicine”
* One cycle 6-year
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| **Learning Course Content** |
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| * Subject of Forensic Medicine. Principles of Forensic Medicine. Legal Systems. Doctors and the Law. Evidence for Courts. Doctors in Court.
* The Ethics of Medical Practice. Duties of Physician. Medical Ethics in Practice. Confidentiality. Consent. GMC.
* Medical Aspects of Death. Definition of Death. Vegetative State. Cause of Death. Death Certification. Medico-Legal Investigation of Death. The Autopsy. Exhumation. The Early and Later Changes after Death. Post-mortem Injuries. Time of Death.
* Unexpected and Sudden Death from Natural Causes. Death and Injury in Infancy. Stillbirths. Infanticide. Estimation of Maturity of a Newborn. Sudden Infant Death Syndrome. Child Abuse.
* Asphyxia. Classification of Asphyxia. Phases and Signs of Asphyxia. Types of Mechanical Asphyxia. Immersion and Drowning. Evidence of Immersion. Diagnosis of Drowning. TSE
* Assessment, Classification and Documentation of Injury. Wounding, Injury and Trauma. The Blunt and Sharp Injuries. Defense Injuries. Self-inflicted Injury. Torture. Istanbul Protocol. Use of Force and Restraint.
* Regional Injuries. Ballistic Injuries. Types of Firearms. Gunshot and Shotgun Injuries. Explosives. Mass Disasters and the Doctor.
* Transportation Medicine. Road Traffic, Railway, Aircraft and Marine Injuries. Heat, Cold and Electrical Injuries.
* Sexual Assault. Types of Sexual Offence. Examination Requirements. Medical Assessment. Evidential Samples and Documentation of Findings. Medical Findings after Sexual Contact. Child Assault and Protection. Physical and Sexual Abuse. Neglect and Emotional Abuse.
* Identification of the Living and Dead. Methods of Identification. Identity of Decomposed and Skeletal Remains. Mass Disasters. Age Estimation in the Living. Principles of Forensic Science. Scene Examination. Chain of Custody. Sample Analysis. Blood Pattern Analysis. Fingerprints. Allied Forensic Specialists.
* Principles of Toxicology. Poisoning. Testing Matrices. Alcohol. Licit and Illicit Drugs. Commonly Misused Drugs. Medicinal and other Poisons.
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| **Textbooks and Materials** |
| * Simpson’s Forensic Medicine, 14th ed - Payne-James J et al; 2020.
* Forensic Medicine - Dettmeyer, ReinhardB; Verhoff, Marcel; Springer; 2014.
* Forensic Pathology : Principles and Practice - Dolinak, David; Matshes, Evan; Lew, Emma; Elsevier Academic Press; 2005.
* Knight's Forensic Pathology - Knight, Bernard;Pekka Saukko; CRC Press Taylor&Francis Group; 3rd.ed. 2004
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