

<u>COURSE NAME/ECTS Credits</u>	WILDLIFE FORENSICS /4 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>Wild Life and Habitats, Scientific Definitions About Wild Life, Wild Life and Ecology, Wild Animals and International Responsibilities, Law of Hunting and Hunting Legislation, Hunting Crimes, Protection of The Forests, Animals That Are in Danger of Extinction, International Treaties, Commercial Treaties about The International Trade of Wild Animals and Plants That Are in Danger of Extinction, Local Legislation and Its Influence on International Treaties, Europe's Treaty on Protection of Wild Life and Habitats, The Treaty Related with The Wetlands That Have International Importance as Habitats of Aquatic Birds</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. CÜNEYT KUBANÇ kubac@istanbul.edu.tr 05306058351 Prof. Dr. FATMA ALEV KAYMAZ aakaymaz@gmail.com 05322844568

<u>COURSE NAME/ECTS Credits</u>	FORENSIC BOTANIC /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>basic plant morphology, plant systematics, economic and ethnobotany, criminal plant anatomy, forensic plant microtechnique and basic molecular biological methods</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. ORHAN KÜÇÜKER kucuker@istanbul.edu.tr 05324828835

<u>COURSE NAME/ECTS Credits</u>	FORENSIC DNA ANALYSIS /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>The subject of this course contains the headlines like, accepting the samples to forensic laboratories, coding them, their security, serological analyzes, DNA isolation methods, electrophoresis techniques, DNA analyzes and its assessments.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. GÖNÜL FİLOĞLU TÜFEK gonulfiloglu@yahoo.com 05322260828

<u>COURSE NAME/ECTS Credits</u>	FORENSIC MICROBIOLOGY AND APPLICATIONS /5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>All kinds of forensic science within the framework of clinical material, food, water and other microbiological analysis of samples needs to be done and how they apply in theory how to evaluate the current legal criteria</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. HÜSEYİN ÇAKAN hcakan@istanbul.edu.tr 05324636666

<u>COURSE NAME/ECTS Credits</u>	FORENSIC PALYNOLOGY /4 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>The use of palynolog in Forensic medicine and forensic sciences, pollen morphology, pollen analysis, pollen identification, preparation of reference materials, use of pollen in criminal cases</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. ALİYE ARAS PERK aliyeperk@yahoo.com 05063234999

<u>COURSE NAME/ECTS Credits</u>	ETHICS IN SCIENTIFIC RESEARCH, PROJECT PREPARATION AND USE OF TEST ANIMALS/5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>The importance and implementation of ethical issues in the preparation of a research project on a scientific study, the implementation of experiments, statistical analysis, evaluation of data and writing of the results, the justice of the use of animals in medical research and the implementation of data resulting from the animal studies on humans.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MEHMET KAYA mkaya942@gmail.com 05333846567

<u>COURSE NAME/ECTS Credits</u>	CHEMICAL WARFARE AGENTS: LOW-LEVEL TOXICOLOGY /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>definition to chemical warfare agents</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	RISK ASSESMENT /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>Generally the risk assesmenet and evaluation and prevention of the risks of the working and living environment and the rising legal problems</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	SEMINAR /6 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>Research for research subject, Determination of groups,Implementation of preparation process in 8 weeks of presentation, article, term paper,Presentation for 6 weeks.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MÜNEVVER AÇIKKOL acikkolm@istanbul.edu.tr 05462051248

<u>COURSE NAME/ECTS Credits</u>	GENETIC INVESTIGATION OF TERRORISM AND NATURAL DISASTERS /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Fall
<u>CONTENT</u>	<u>Due to the nature of a small amount of mass disasters and terrorist incidents and / or severely damaged, so the DNA analysis of human remains which are difficult to evaluate the results obtained from DNA analysis techniques can be applied and be given information about the above mentioned methods will be discussed to implement the laboratory\\s competence.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. EMEL HÜLYA YÜKSELOĞLU hykseloglu@yahoo.com 05052213407

<u>COURSE NAME/ECTS Credits</u>	FORENSIC SCIENCE AND DNA /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	<u>DNA information holds an important place in forensic sciences. Which important points to consider at using DNA information, and which ethical and legal rules to obey at forensic genetics, will be explained at this course.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. HAVVA ALTUNÇUL havva.altuncul@gmail.com 05325269810

<u>COURSE NAME/ECTS Credits</u>	ENTOMOTOXICOLOGY IN FORENSIC SCIENCES /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	<u>The role and importance of insects in forensic science, forensic evidence, and not o Biosafety properties, toxic compounds and the role of insects in toxicology</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. HÜSEYİN ÇAKAN hcakan@istanbul.edu.tr 05324636666

<u>COURSE NAME/ECTS Credits</u>	FORENSIC ENTOMOLOGY /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	<u>Provide information on the structure and evolution of arthropods, arthropods diseases infecting humans and animals</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. ERDAL POLAT erdalp@istanbul.edu.tr 05053294898

<u>COURSE NAME/ECTS Credits</u>	BALISTICS /5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	<u>Definition of Ballistics</u> <u>Internal Ballistics</u> <u>External Ballistics</u> <u>Terminal Ballistics</u> <u>Wound Ballistics</u> <u>Basic Principles of Dynamics</u> <u>Uniform Motion in a Straight Line</u> <u>Uniformly Accelerated Motion</u> <u>Falling Bodies-Free Fall</u> <u>The Motion in the Vertical Direction</u> <u>The Motion of a Projectile</u> <u>Work, Energy</u> <u>Work and Energy Transfer</u> <u>Inertia</u> <u>The Law of Conservation of Momentum</u> <u>Ballistic Pendulum</u> <u>Pressure, Heat and Temperature</u> <u>Recoil</u> <u>Richochets</u> <u>Analysis</u> <u>Aerodynamic Stabilisation</u> <u>Ballistic Coefficient</u> <u>Shock Waves, Mach Number..</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. HÜSEYİN BÜLENT ÜNER hbuner@istanbul.edu.tr 05333653922

<u>COURSE NAME/ECTS Credits</u>	BEHAIOURAL GENETICS/5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Effect of Behavioural Genetics outline in Forensic Sciences
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. EMEL HÜLYA YÜKSELOĞLU hykseloglu@yahoo.com 05052213407

<u>COURSE NAME/ECTS Credits</u>	TRACE EVIDENCE ANALYSIS/5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	In the course of optical instruments and advanced microscope techniques to use in the analysis of trace evidence and evaluation of the results obtained from these topics will be discussed. Subjects required will be explained with examples.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. İSMAİL ÇAKIR icakir@istanbul.edu.tr 05057323326

<u>COURSE NAME/ECTS Credits</u>	FORENSIC ASPECT OF GENETIC DISEASES /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Essentials of the Effects of Genetic Diseases in Forensic Sciences.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. EMEL HÜLYA YÜKSELOĞLU hykseloglu@yahoo.com 05052213407

<u>COURSE NAME/ECTS Credits</u>	GENETIC IDENTIFICATION /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	In this course; Students will learn how to determine biogeographical ancestry, eye, skin and hair color in the biological samples collected from the scene, the victim or the mass mortality. Also will be described how to evaluated
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. GÖNÜL FİLOĞLU TÜFEK gonulfiloglu@yahoo.com 05322260828

<u>COURSE NAME/ECTS Credits</u>	TARGET ORGAN TOXICOLOGY /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Toxicities of xenobiotics on liver, kidney, respiratory system, reproductive system, endocrine system, nervous system, musculo-skeletal system, immune system, blood, hearth and vascular system, gastrointestinal system, skin and ocular and visual system.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. BÜKET ALPERTUNGA tunga@istanbul.edu.tr 05322514888

<u>COURSE NAME/ECTS Credits</u>	FORENSIC TOXICOLOGY IN SUBSTANCE ABUSE /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Basic concepts of substance addiction, general information about abusing drugs (depressants and stimulants), action mechanisms, detection assays on several matrixes, crimes under influence of drugs
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MÜNEVVER AÇIKKOL acikkolm@istanbul.edu.tr 05462051248

<u>COURSE NAME/ECTS Credits</u>	MICROSCOPIAL TECHNIQUES /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	This advanced course will review Comparison, Stereo, Polarizing Microscopes and SEM-EDS techniques for forensic examinations.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. İSMAİL ÇAKIR icakir@istanbul.edu.tr 05057323326

<u>COURSE NAME/ECTS Credits</u>	COLLECTION, PRESERVATION AND DETERMINATION OF PSYCHOACTIVE SUBSTANCES /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Contains production, transportation, collection, storage and determination assay of psychotropic substance , basic and technical information of that substances.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MÜNEVVER AÇIKKOL acikkolm@istanbul.edu.tr 05462051248

<u>COURSE NAME/ECTS Credits</u>	WATER ANALYSIS AND SAFETY /5 <u>Credits</u>
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Doctorate Program
<u>SEMESTER</u>	Spring
<u>CONTENT</u>	Learning the physical, chemical and microbiological examination of water, comprehending the water borne infectious diseases, determination of the effects of toxic elements in drinking water, determination of various aquatic pollutants and realizing the importance of wastewater treatment.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. AHMET ATA ALTURFAN ataalturfan@gmail.com 905325766606

<u>COURSE NAME/ECTS Credits</u>	FORENSIC ANALYTICAL TOXICOLOGY /5Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program

<u>SEMESTER</u>	FALL
<u>CONTENT</u>	transfer of interactive information related to methods and devices about the principles and theories used in forensic toxicology
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. SALİH CENGİZ</u> salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	FORENSIC BIOLOGY /5Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program

<u>SEMESTER</u>	FALL
<u>CONTENT</u>	This course covers the points to pay attention, while the process the biological material goes through to become evidence.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Yrd. Doç. Dr. HAVVA ALTUNÇUL</u> havva.altuncul@gmail.com 05325269810

<u>COURSE NAME/ECTS Credits</u>	QUALITY ASSURANCE IN FORENSIC LABORATORIES/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program

<u>SEMESTER</u>	FALL
<u>CONTENT</u>	The scope of the standard of TSE EN ISO 17025, foundation, management conditions and to describe the laboratory conditions
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	FORENSIC MICROSCOPY/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	

	FALL
<u>CONTENT</u>	Understanding of microscopic methods of analysis that will enable the selection and justification of practical procedures in response to the solution of forensic investigations.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Doç. Dr. İSMAİL ÇAKIR</u> icakir@istanbul.edu.tr 05057323326

<u>COURSE NAME/ECTS Credits</u>	BASIC FORENSIC PHARMACOLOGY / 5 Credits
<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's

	Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Basic principles in pharmacology, drug formulations and application methods, pharmacokinetics-toxicokinetics, pharmacodynamics-toxicodynamics, drug abuse.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. BÜKET ALPERTUNGA</u> tunga@istanbul.edu.tr 05322514888

<u>COURSE NAME/ECTS Credits</u>	FORENSIC MEDICINE / 5 Credits
<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic

	Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Knowledge about workspace of forensic medicine, history, death, wounds, sexual assault, domestic violence, medical malpractice, forensic psychiatry and human rights violations.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. MUSTAFA FATİH YAVUZ</u> fyavuz@istanbul.edu.tr 05322970090

<u>COURSE NAME/ECTS Credits</u>	FORENSIC TOXICOLOGY 1 / <u>5 Credits</u>
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<u>FACULTY / DEPARTMENT</u>	<u>İstanbul University Institute of Forensic Medicine / Science Department Master's Program</u>
<u>SEMESTER</u>	<u>FALL</u>
<u>CONTENT</u>	<u>The relationship between the history of toxicology and forensic sciences, poisons and general concepts on poisoning, sample preparation and analysis processes, the case discussions.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. MÜNEVVER AÇIKKOL</u> acikkolm@istanbul.edu.tr 05462051248

<u>COURSE NAME/ECTS Credits</u>	<u>BIOLOGICAL SAMPLE PREPARATION TECHNIQUES IN</u>
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	FORENSIC TOXICOLOGY/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	<u>İstanbul University Institute of Forensic Medicine / Science Department Master's Program</u>
<u>SEMESTER</u>	<u>FALL</u>
<u>CONTENT</u>	<u>This course involves a description of the evidences used in forensic toxicological analysis, the learning of the preparation process applied prior to use analytical methods, understanding the difference between extraction methods, understanding the matrix challenges and the difficulty encountered in sample preparation.</u>
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. ZEYNEP TÜRKMEN zturkmen@istanbul.edu.tr 05334998477

<u>COURSE NAME/ECTS Credits</u>	RESEARCH, PLANNING AND WRITING TECHNIQUES / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Presentation of the technical steps in writing a research project, the admission of a research project and teaching the priorities in acceptance for publication.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. MEHMET KAYA</u> mkaya942@gmail.com 05333846567

<u>COURSE NAME/ECTS Credits</u>	FUNDAMENTAL CONCEPTIONS IN CRIMINAL LAW / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	In this course; the definition of a crime, the application of elements, conditions, rules of criminal law in terms of place, time and person will be described.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. ADEM SÖZÜER</u> asozuer@istanbul.edu.tr 05348114407 <u>Yrd. Doç. Dr. SELMAN DURSUN</u> sdursun@istanbul.edu.tr 05325771870

<u>COURSE NAME/ECTS Credits</u>	FUNDAMENTAL CONCEPTIONS IN CRIMINAL JUSTICE LAW / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	In this course within 14 weeks, of the Criminal Procedure Law that rules relating to the protection of human rights principles, the guidelines for the preparation of trial, principles of proving, application of the Code of Criminal Procedure will be covered.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. FATİH SELAMİ MAHMUTOĞLU fsmahmutoglu@hotmail.com 05322571838

<u>COURSE NAME/ECTS Credits</u>	GENERAL ENTOMOLOGY / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Provide information on the structure and evolution of arthropods, arthropods infecting humans and animals and the ecosystem where diseases
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Yrd. Doç. Dr. ERDAL POLAT</u> erdalp@istanbul.edu.tr 05053294898

<u>COURSE NAME/ECTS Credits</u>	CRIMINALISTICS/ 7 Credits
<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program

<u>SEMESTER</u>	FALL
<u>CONTENT</u>	The Physical Evidence, Physical Evidence Collection and Documentation, Organic-Inorganic Analysis, Soil Analysis, Hair, Hair and Paint Analysis, Firearms, Forensic Document Examination, use of DNA Technologies in Forensic Sciences, Finger and Footprint
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Prof. Dr. MÜNEVVER AÇIKKOL</u> acikkolm@istanbul.edu.tr 05462051248

<u>COURSE NAME/ECTS Credits</u>	CRIMINALISTICS APPLICATIONS / 4 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's

	Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Analyzing and assessment of evidences
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	LABORATORY SAFETY AND WORKING PRINCIPLES / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Recognizing and learning laboratory tools and instruments, understanding the principles of laboratory safety, learning material safety data sheets and comprehending the basic first aid principles
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Doç. Dr. AHMET ATA ALTURFAN</u> ataalturfan@gmail.com 05325766606

<u>COURSE NAME/ECTS Credits</u>	STRUCTURE AND FUNCTION OF NUCLEIC ACIDS 1/ 5 Credits
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<u>FACULTY / DEPARTMENT</u>	Istanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	This course contains informations about a part of the structure and function of nucleic acids. The other part is given at the course \\Structure and Function of Nucleic Acids 2\\.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Yrd. Doç. Dr. HAVVA ALTUNÇUL</u> havva.altuncul@gmail.com 05325269810

<u>COURSE NAME/ECTS Credits</u>	CRIME SCENE INVESTIGATION TECHNIQUES / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Sexual assault, homicide, theft, traffic accidents and criminal cases, biological evidence such as the recognition, protection and collection of providing information about the course uygulamasıda tartışılır and will see police criminal laboratory practical.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. EMEL HÜLYA YÜKSELOĞLU hykseloglu@yahoo.com 05052213407

<u>COURSE NAME/ECTS Credits</u>	SEMINAR / 6 Credits
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<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	Forensic science is a multidisciplinary branch of science. Natural sciences students across different fields of majors will research and present subjects in their own undergraduate education fields and their uses in forensic sciences.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. GÖNÜL FİLOĞLU TÜFEK gonulfiloglu@yahoo.com 05322260828

<u>COURSE NAME/ECTS Credits</u>	FORENSIC SCIENCE AND SEMEN / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Content of semen, semen detection methods and analysis / evaluation information
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. TÜLAY İREZ irestulay@yahoo.com 05322446039

<u>COURSE NAME/ECTS Credits</u>	FORENSIC STATISTICS / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Descriptive, chi square, t-test, correlasyon, regresyon, discriminantfunction and ANOVA statistics are used
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MEHMET YAŞAR İŞCAN myiscan@gmail.com 05438906979

<u>COURSE NAME/ECTS Credits</u>	BASIC FORENSIC GENETICS / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	FALL
<u>CONTENT</u>	The subject of this course is identification of biological evidence using DNA technologies, paternity and affinity determination. Concepts like crime scene investigation, biological evidence, ways to obtain DNA, analyzing the results, affinity determination, and use of DNA banks in forensic cases will be focused.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. GÖNÜL FİLOĞLU TÜFEK gonulfiloglu@yahoo.com 05322260828

<u>COURSE NAME/ECTS Credits</u>	BASIC MICROBIOLOGY IN FORENSIC SCIENCE / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	General characteristics of microorganisms, microbiological changes that occur after death anatomical areas, human disease and infections, such as micro-organisms, such as the relations will be touched upon many important issues
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. HÜSEYİN ÇAKAN hcakan@istanbul.edu.tr 05324636666

<u>COURSE NAME/ECTS Credits</u>	COLOR TESTS IN FORENSIC CHEMISTRY AND MECHANISMS / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	This course includes reaction mechanisms and their current status of color reagents used for various purposes in forensic chemistry and criminalistics.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Yrd. Doç. Dr. ZEYNEP TÜRKMEN zturkmen@istanbul.edu.tr 05334998477

<u>COURSE NAME/ECTS Credits</u>	FORENSIC TOXICOLOGY 2 / 5 Credits
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<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Transfer of interactive information related to methods and devices about the principles and theories used in forensic toxicology
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	HEAVY METAL TOXICOLOGY / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Transfer of interactive information related to heavy metal toxicity
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	FIREARMS AND GUNSHOT RESIDUES / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Firearms, Definition of Firearms and place of law, the classification of Firearms. Weapons Legislation in Turkey A Brief History of Firearms and Ammunition Firearms and Ammunition Caliber Nomenclature for Rifled Weapons Discharge of a Weapon and Gunshot Residues Methods of Analyzing Gunshot Residues Classification of Gunshot Wounds Gunshot Residue Examinations in Muzzle-to-Target Distance Determinations. Detection of Gunshot Residue on the Hands Caliber Nomenclature for Shotguns Dispersion of shotgun patterns. Ricochet Bullets Firearms Identification Comparison of Bullets and cases Silencers
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. HÜSEYİN BÜLENT ÜNER hbuner@istanbul.edu.tr 05333653922

<u>COURSE NAME/ECTS Credits</u>	DOCUMENT EXAMINATION / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Teaching Methods Lectures and practical work on real and virtual cases and case files. (Short definition) In general, forensic document examination and document the basic concepts and terminology, and studies comparing the handwriting, signature comparisons and reviews, the forgery of documents methods and methods of their identification, typewriters and printing papers with the ink, paper and pencil examinations information about techniques and report writing.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. İSMAİL ÇAKIR icakir@istanbul.edu.tr 05057323326

<u>COURSE NAME/ECTS Credits</u>	DOCUMENT AND INK CHEMISTRY/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Information about natural and synthetic components of the paper and ink
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. SALİH CENGİZ salihcengiz@gmail.com 05322564236

<u>COURSE NAME/ECTS Credits</u>	CLINICAL AND EMERGENCY TOXICOLOGY/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	What is intoxication? When is suspect from poisoning in what kind of patients? Which apply to cases in which the method of analysis, will be notified. Emergency treatment and application of antidote and is the most common poisonings are introduced.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. İŞİL BAVUNOĞLU isilbavunoglu@gmail.com 05057142545

<u>COURSE NAME/ECTS Credits</u>	STRUCTURE AND FUNCTION OF NUCLEIC ACIDS 2/ 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	This course contains informations about a part of the structure and function of nucleic acids and the consequences of this functions and information about DNA technology
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	<u>Yrd. Doç. Dr. HAVVA ALTUNÇUL</u> havva.altuncul@gmail.com 05325269810

<u>COURSE NAME/ECTS Credits</u>	POPULATION GENETICS / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	Using population genetics in Forensic Sciences
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Doç. Dr. EMEL HÜLYA YÜKSELOĞLU hykseloglu@yahoo.com 05052213407

<u>COURSE NAME/ECTS Credits</u>	TOXIC SUBSTANCES / 5 Credits
<u>FACULTY / DEPARTMENT</u>	İstanbul University Institute of Forensic Medicine / Science Department Master's Program
<u>SEMESTER</u>	SPRING
<u>CONTENT</u>	General information on the definition of poisons that are of importance in forensic sciences, their effects and general information about mechanisms of action.
<u>NAME AND CONTACT INFORMATION OF PROFESSOR (EMAIL / PHONE)</u>	Prof. Dr. MÜNEVVER AÇIKKOL acikkolm@istanbul.edu.tr 05462051248