

USKUDAR UNIVERSITY
INSTITUTE OF ADDICTION AND FORENSIC SCIENCES
COURSE CONTENTS

FORENSIC BIOLOGY COURSE CONTENTS

ABB502 Statistics for Forensic Biologists 3 Credits

Statistics in forensic science applications with a focus on the Bayesian approach. Logic, probability statistics logic skills, R software skills. Prerequisite: Course of statistics taken in Bachelor's degree.

ABB503 Basic Forensic Biology 3 Credits

Principles and techniques will be discussed in the forensic examination of blood and other biological samples. Original techniques in forensic biology and serology.

ABB505 Crime Scene Investigation and Biological Evidence Collection 3 Credits

Molecular biology methods used in the collection, analysis and interpretation of biological evidence.

ABO514 Scientific Evidence in Criminal and Civil Cases 3 Credits

The use of biological evidence in the justice system, the concept of biological evidence, the expectations of the prosecution and defense authorities, the problems encountered in statistical calculations, forensic medicine applications, DNA, mt DNA, chromosome analysis will be evaluated.

ABB507 Advanced Microscopy 3 Credits

Microscopic examination of biological samples, including plants, natural sources of drugs, animal and human remains.

ABB508 Advanced Forensic Biology 3 Credits

Advanced molecular biology techniques. Various nuclear and mitochondrial markers used in the analysis and classification of dried blood and other biological samples. Prerequisite: FORS 6241 or advisor permission.

ABB510 Addiction Biochemistry 3 Credits

Entry routes and metabolism of substances that cause addiction to the human organism, absorption, detoxification and excretion, determination of substances entering the system based on excretion products, their situation against legal regulations, determination of their effects on the brain by biochemical methods, advanced imaging techniques.

ABB512 Pattern Analysis 3 Credits

Examining the stains caused by the weapon used in wounding and killing, the quality of the weapon and the distribution of the stains on the floor, ceiling, wall and clothes.

ABB513 Forensic Entomology 3 Credits

In determining the time elapsed after death, collecting flies, insects and all kinds of arthropods from the corpse, sending it to the laboratory techniques, principles for determining the period after death.

ABB514 Forensic Medicine - Thanatology 3 Credits

Mechanism of death, postmortem changes and their causes.

ABB515 Neurobiology of Addiction 3 Credits

Structure of the brain, addiction and reward pathway, effects of drugs on the brain, new approaches. Possible uses of this information in treatment.

ABB516 Identification of Biological Evidence 3 Credits

Basic techniques used in the collection, preservation, packaging, sending to the laboratory, identification and identification of blood and other body fluids, DNA analysis.

ABB517 Current Applications in Forensic Biology 3 Credits

Problems solved with contemporary forensic biology applications by using new methods and developments.

ABB518 Artifact Evidence and Microscopy 3 Credits

Use of microscopic examination in the identification of hair, hair, sperm, and different stains.

ABB519 Forensic Biologists and Expertise 3 Credits

Principles of criminal law and the concept of evidence in private law and the principles and methods of application of general regulations in the forensic sciences.

ABB522 Seminar No Credits

ABB525 Project Study (without Thesis) 30 Credits

ABB530 Thesis Study 60 Credits

FORENSIC PHARMACOLOGY AND TOXICOLOGY COURSE CONTENTS

ABO522 Introduction to Forensic Sciences – Criminalistics 3 Credits

To make the subject of forensic science clear and comprehensive to a wide variety of students who are or plan to be aligned with the forensic science profession.

ABT501 Forensic Pharmacology and Toxicology 3 Credits

Ante mortem and postmortem biological samples used in forensic toxicology studies, conditions for taking these samples with appropriate methods, storing conditions, sending them to the laboratory and preparing them for analysis, devices and methods used in the analysis.

ABT508 Case-Based Toxicology 3 Credits

Collecting, examining and evaluating evidence from different crime scenes (sexual assault, manslaughter, theft, vehicle accidents, auto theft etc.).

ABT509 Principles of Drug Effect 3 Credits

The absorption, distribution and excretion of toxicants and their toxic doses. Determination of the quality and quantity of the used material is taken out from the scrap products.

ABT511 Instrumental Analysis in Toxicology 3 Credits

Theory and practice of modern instrumental analysis, mass spectrometry, optical spectroscopy, microscopy, chromatographic and electrophoretic separation.

ABT512 Current Research Techniques in Postmortem Toxicology 3 Credits

Diagnostic methods used in toxicological analysis in autopsy material and current developments.

ABT518 Environmental Toxicology 3 Credits

Toxicological analysis techniques of soil, water and air samples.

ABT519 Postmortem Toxicology of Addictive Substances 3 Credits

Discussing whether narcotic or stimulant substances detected in liquid and solid samples taken from autopsy cause death or not.

ABT520 Molecular Toxicology 3 Credits

It focuses on the application of biotechnology and research methods of biophysics and biochemistry to toxicology, where the effects of different chemical substances on living organisms are studied.

ABT502 Postmortem Toxicology

3 Credits

The concept of toxicology, historical development, modern applications, excretion of toxic substances, mechanisms of toxicity, factors affecting toxicity and evaluation of toxicity will be discussed.

ABT506 Analytical Toxicology

3 Credits

This module provides students with the opportunity to learn about the key analytical methodologies used in the analytical toxicology laboratory. From sample extraction, through to immunoassay screening and mass spectrometry confirmations. Practical and workshops provide ample opportunity for you to get hands-on with the equipment used including state-of-the-art mass spectrometers that are used by toxicology labs to undertake much of their casework and analysis. You will also be taught about interpreting the data including mass spectra.

ABT521 Clinical Chemistry

3 Credits

The complex chemical processes that take place from the use of the substance (especially addictive drugs) to the effect on the consumer discussion. The chemical, pharmacological, toxicological and pathological characteristics of frequently consumed addictive substances such as ethanol, barbiturates, narcotics, stimulants and hallucinogens will be discussed.

ABT513 Neuropharmacology

3 Credits

This course examines how medicines affect the cellular functions and behavior of the nervous system and focuses on the interaction of behavior and molecular dependence with the brain.

ABT523 Synthetic Drugs

3 Credits

A course that focuses on synthetic drugs in solid and liquid form and their precursors, which have become a serious problem in recent years, and the specification of the organism in fluids such as blood and urine, as well as in postmortem samples.

ABT524 Internationally Controlled Chemicals

3 Credits

Historical development of international conventions, controlled natural and synthetic psychoactive substances.

ABO506 Ethics, Criminal Laboratory Management and Quality Assurance

3 Credits

Issues involving the responsibility of professionals working in criminal laboratories, ethics, public relations and quality assurance.

ABT522 Seminar No Credits

ABT525 Project Study 30 Credits

ABT530 Thesis Study 60 Credits

FORENSIC CHEMISTRY COURSE CONTENTS

ABK503 Forensic Chemistry Basic Principles

3 Credits

It will focus on key issues in forensic chemistry, including sampling, spot tests, crystal tests, infrared spectrometry and gas chromatography - mass spectrometry, basic chemical processes such as capillary electrophoresis and substance analysis, repeatability of analysis and reliability in quantitative data. The basic methods used in the analysis of drugs, fire residues, explosives, shooting residues, paint samples will be discussed and ethical problems in the analysis of forensic chemistry evidence will be evaluated.

ABK505 Instrumental Analysis

3 Credits

It contains the interaction with electromagnetic radiation and material, optical spectroscopy devices, UV and visible region absorption spectroscopy, atomic absorption and emission spectroscopy, infrared spectroscopy, nuclear magnetic resonance, mass and fluorescence spectroscopy and interpretation of results.

ABO514 Scientific Evidence in Criminal and Legal Cases

3 Credits

Evidence law, burden of proof, properties of evidence, material evidence, evaluation of evidence, scientific evidence.

ABK508 Advanced Forensic Chemistry

3 Credits

Forensic chemistry is an application in which different sciences seeking answers to questions are examined by examining and comparing criminal research evidence.

ABK511 Forensic Chemistry in Crime Investigation

3 Credits

Determination of quantitative and qualitative chemical analyzes of specimens collected from the crime scene or samples taken from the suspect or victim (evidence) and which tests will be applied to the result.

ABK514 Forensic Chemistry in Document and Ink Inspection

3 Credits

Determination of ink structure and age in counterfeit detection in the document.

ABK515 Poisons and Poisoning

3 Credits

Effective organic and inorganic poisons on human organism, their mechanism of action and ways of poisoning will be discussed.

ABK516 Trace evidence and Microscopy

3 Credits

Traffic accidents, bullet holes, tooth tracks. Evidence value, reporting and expertise.

ABK517 Analysis of Trace Evidence (Glass, Paint, Soil) 3 Credits

Glass and soil examination.

ABK518 Fire and Explosive Investigation 3 Credits

Fire, fuels, initial evaluation - final evaluation

ABK522 Seminar No Credits

ABK525 Project Study 30 Credits

ABK530 Thesis Study 60 Credits

CRIME SCENE INVESTIGATION AND CRIMINALISTICS COURSE CONTENTS

ABO501 Basic Forensic Science I 3 Credits

To make the subject of forensic science clear and comprehensive to a wide variety of students who are or plan to be aligned with the forensic science profession.

ABO502 Basic Forensic Science II 3 Credits

This course includes case study, medico legal review and pattern evidences. Firearms and cutter-drill-and-stick instrument marks, fingerprints and documents will be processed.

ABO503 Crime Scene Investigation I 3 Credits

The effect of collecting evidence from different crime scenes (sexual assault, manslaughter, theft, vehicle accidents, auto theft etc.) and illuminating them.

ABO504 Crime Scene Investigation II 3 Credits

The effect of collecting evidence from different crime scenes (sexual assault, homicide, theft, vehicle accidents, auto theft etc.) and illuminating them.

ABO508 Illegal Substances and Toxicology 3 Credits

This course stresses the practical and theoretical aspects to forensic toxicology, the study of drugs, and their implications in a forensic setting when toxicity sets in. The analysis and description of drugs are introduced. Case studies are reviewed where drug use may become a forensic matter.

ABO510 Case-Based Crime Scene Investigation 3 Credits

Evidence collection from different crime scenes such as sexual assault, murder, theft, vehicle accident, auto theft etc. and their effect on illuminating the event.

ABO506 Ethics, Criminal Laboratory Management and Quality Assurance 3 Credits

Laboratory managers must strive to ensure that forensic science is conducted in accordance with sound scientific principles and within the framework of the statutory requirements to which forensic professionals are responsible.

ABO507 Forensic Photography and Event Site Documentation 3 Credits

The necessary documentation, sketches, photographs and video recordings for the reconstruction of the event sites, the principles for their creation, the characteristics to be considered.

ABO518 Firearms and Trace Analysis 3 Credits

Firearms, Classification and diameters of firearms Diameter of rifled firearms Diameter of unarmed weapons (hunting rifles) Shock, variety, grades in hunting rifles Structures of rifle bullets, hives, capsules, gunpowder and projectile barrels Structure of firearms, Tapes Bullet guns, gas (tear gas) bullets, various types of bullets Shooting remnants, factors affecting their formation Methods of collecting shot waste Methods of detecting shot waste Shooting distances Billiard ball scattering effect Clothing (guns) Examination and detection of firearms, noteworthy points Bullet box and hive comparator, comparative microscopes, IBIS serial number restoration.

ABO519 Document Examination 3 Credits

Identification of hand and machine writings, computers, printers, fax printouts, ink, stamp reviews and whether they are the same hand or equipment products, error sources, techniques in report writing.

ABO514 Scientific Evidence in Criminal and Legal Cases 3 Credits

Evidence law, burden of proof, properties of evidence, material evidence, evaluation of evidence, scientific evidence.

ABO522 Introduction to Forensic Science - Criminalism 3 Credits

To make the subject of forensic science clear and comprehensive to a wide variety of students who are or plan to be aligned with the forensic science profession.

ABO512 Digital evidence 3 Credits

What are digital proofs? Features, environments and how to intervene.

ABO513 Investigation in Sexual Cases 3 Credits

Trainees will be trained to take into account the causes of sexual crimes, their forms, examination techniques at the scene, collecting evidence, analyzes requested from the laboratory, as well as precautions to reduce the delay to the examination of the victim.

ABO515 Investigation in Traffic Accidents

3 Credits

Revealing evidence to help determine the flaw in the investigation of traffic accidents.

ABO517 Underwater Crime Investigation

3 Credits

In this course rigorously challenge our students through five sequenced courses and laboratories. These courses and labs provide students with the theory and practical experiences that equip them to be underwater forensic scientists.

ABO516 Investigation in Homicide and Violent Crimes

3 Credits

Classification of homicides, protection, victim science, staged scene, investigation strategies, things to be done first by the scene, eye witnesses, interviews with witnesses, cooperation with forensic experts and prosecutors, documentation, photography, time after death, Comments about motives and signatures in cases where it is not known, collecting evidence for them, suicide cases.

ABO522 Seminar**ABO525 Project Study****ABO530 Thesis Study****CRIME PREVENTION AND ANALYSIS COURSE CONTENTS****ABO522 Introduction to Forensic Science and Criminalistics**

3 Credits

To make the subject of forensic science clear and comprehensive to a wide variety of students who are or plan to be aligned with the forensic science profession.

ABS501 Crime Prevention: Approach, Practice and Assessment

3 Credits

Techniques aimed at preventing crime, their application examples and success criteria.

ABS502 Investigation of Manslaughter Crime

3 Credits

Victim characteristics and observations at the crime scene, classification and protection of homicide according to international standards, especially FBI, victim science, staged crime scenes, investigative strategies.

ABP506 Eyewitness, Testimony and Interview Techniques

3 Credits

Techniques of interviewing people who are perpetrators, victims or witnesses of a crime, body language, lie detection, use of new technologies for this purpose, brain imaging techniques.

ABS507 Sex Crimes Investigation

3 Credits

Due to the lack of evidence, sexual crimes are among the crime types with the lowest rate of disclosure, and measures to be taken to increase this value and studies to increase awareness in the society.

ABS510 Crime Analysis and Foresight

3 Credits

To make forward-looking predictions based on individual crime data and databases, to develop software for this purpose and to test existing ones, to test the accuracy of the results obtained.

ABS511 Control of International Drug Trafficking

3 Credits

The economy of drug crimes, which is the leading international crime, the use of revenues for laundering other crimes and their control with national and international laws.

ABS512 Organized Crime

3 Credits

Organization definition, establishment, management, difference of membership and their proof.

ABS513 Drug Crimes

3 Credits

Investigation of drug crimes, including manufacturing, importing and exporting drugs and stimulants, selling them in the country unlicensed and contrary to the license, offering them for sale.

ABS515 Crime Prevention by Environmental Regulation

3 Credits

Focusing on the responsibilities of local governments in the prevention of crime, this course will focus on traffic regulation, architectural issues, and crime prevention measures in individual settlements in rural areas and mass housing constructions.

ABP514 Prevention of Youth Crime

3 Credits

The rights and needs of young people, the causes of juvenile delinquency, the characteristics of juvenile and criminal justice systems, and the relationship between prosperity, education, health and social security systems, preventive and rehabilitative social service models for juvenile delinquents.

ABS516 Geographic Profiling

3 Credits

Geo-profiling is an important crime prevention tool and relies heavily on software technology. This course includes teaching t to make assumptions about where and when the next crime may be committed, both at the individual and community level.

ABS517 Evidence-based Investigation and Techniques

3 Credits

A course in which discussions on their validity in Turkey will be carried out by giving examples of crime prevention techniques successfully applied in different countries. The effect of social dynamics, economic, social and cultural differences on crime prevention strategies.

ABS504 Parole and Probation

3 Credits

Conditional evacuation and supervised freedom.

ABS506 Women and Children in the Criminal Justice System

3 Credits

Women and children are at the forefront of the disadvantaged groups, this is a course that focuses on the measures to be taken to deal with the problems they face as witnesses, victims and perpetrators.

ABS518 International Organized Crime

3 Credits

Focusing on the proof of human trafficking, organ trafficking, women's trafficking, vehicle trafficking, terrorist crimes and all kinds of smuggling, especially drug crimes, the course will deal with the case of committing these crimes, especially in the virtual environment.

ABS519 Terror and Terrorism

3 Credits

Terrorism and the causes of terrorism, which are the main problems affecting world peace in the last decade, the psychology of those involved in these events, criminological approaches and the main terrorist events will be tried to be explained with crime theories.

ABS520 Crime Economics

3 Credits

Within the scope of this course, in which the effects of crimes on society and the calculation techniques of the damage they bring to the country's economy are discussed, the reasons of academics who advocate the release of cannabis from drugs will be examined.

ABS524 Victimology

3 Credits

It aims to examine the victim within the scope of psychological, social and legal relations and to determine the necessary conditions for its prevention. It focuses on investigating the relationship between the perpetrator and the victim in the occurrence of the crime, self-victimization and victimization.

ABP522 Seminar**ABP525 Project Study****ABP530 Thesis Study****FORENSIC PSYCHOLOGY COURSE CONTENTS****ABP501 Forensic Psychology in the Criminal Justice System**

3 Credits

This course is to inform the basic concepts of forensic psychology about the methods of examination. The definition of crime and criminal behavior, the emergence of crime concept, suicide personality traits, criminal qualification and criteria and legal capacity criteria, substance addiction and crime, mental illness and crime, biological and social factors in suicide tendency.

ABP502 Criminal Behavior

3 Credits

The investigation technique of the suspects and the accused, the identification of the illusions that witnesses might fall into, the provision of adaptation of criminal children to their social lives through retraining are some of the lectures that are given.

ABP503 Forensic Behavior Science

3 Credits

It is aimed to inform the students about the basic concepts of forensic psychology and examination methods. The historical background of the concept of crime and criminal behavior, the characteristics of susceptible personality, criminal qualification and criteria and legal capacity of authority, substance dependence and crime, mental illness and crime, biological and sociological factors in suicide tendency are examined under this lecture.

ABP508 Ethical Issues in Forensic Psychology

3 Credits

ABA, ACA and APA related ethic codes, ethical behaviors and ethical dilemmas.

ABP509 Evaluation of Sexual Offenders and Consultancy

3 Credits

It will focus on legal-legal and medical knowledge, as well as psychological and sociological approaches for relevant researchers and professionals in the fields of investigation and investigation of sexual crimes.

ABP511 Psychopathology

3 Credits

In this course, the etiology and classification of mental disorders will be examined. The manifestation, symptoms and basic treatment methods of mental illnesses will be evaluated within the scope of DSM-5 (Diagnostic and Statistical Manual of Mental Disorders). Especially, priority will be given to disease and disease categories in the forensic field.

ABP513 Personality Profile in Murder Crimes

3 Credits

Students will be introduced to the fundamentals of legal research, with an emphasis on ability development in reading and understanding primary legal materials. The legal concepts of criminal liability and legal mental disability will be discussed. The judicial processes of the mentally ill, the developmentally disabled and children and the good treatment given to them will be evaluated in line with today's trends. In practice, the concept of dangerousness applied in judicial-civil commitments and sexual offender commitment processes will be examined.

ABP514 Communication with Children in Criminology

3 Credits

In this course, where medical, scientific, legal-legal information and psychological and sociological approaches are blended for researchers and professionals in the field of child abuse, the application of research-supported data will be emphasized especially in cases of child murder, exploitation and abuse.

ABP517 Counseling for Prisoners and Their Relatives

3 Credits

Psycho-legal issues related to divorce, child custody, guardianship, domestic violence and sexual crimes will be covered in this course. Emphasizing the importance of divorce mediation, dispute resolution methods will be discussed instead of the litigation process. Evaluation of child custody and old age will be emphasized. Ethical and legal issues in this field will be discussed.

ABP518 Counseling in Multicultural Settings

3 Credits

In this course, which will introduce basic counseling and psychotherapy theories (Psychodynamic, Existential, Gestalt, Individual-centered, Behavioral, Cognitive) from individual and group perspectives, the application of these theories to therapeutic approaches, especially the points closely related to forensic sciences, will be emphasized.

ABP519 Group Therapy in Prisons

3 Credits

Group therapy and group counseling skills and abilities will be presented with a theoretical and empirical understanding, with particular emphasis on the reformed and other criminal population.

ABP520 Prisoner Assessment and Treatment

3 Credits

This course is designed to introduce students to methodology, psychometrics, report and test designs, and to provide an introduction to the field of psychological assessment.

ABP522 Seminar**ABP525 Project Study****ABP530 Thesis Study****FORENSIC GENETICS COURSE CONTENTS****ABG503 Forensic Genetics**

3 Credits

The aim of this course is to teach the students how to obtain the biological evidence, DNA sources, possible ways to obtain DNA, polymorphic systems used in past and present, basic principles of population genetics, identification, affinity determination etc.

ABG504 Advanced Forensic Genetics

3 Credits

Identification of biological evidence in criminal cases using DNA technology, paternity identification and identification of kinship relationships. The concepts such as crime scene investigation, biological evidence, methods used to obtain DNA from delta, evaluation of results and determination of identification, identification and use of DNA banks in solution of criminal events will be emphasized.

ABG505 Genetic Variation in Human Communities

3 Credits

Measurement and study of genetic diversity and evolutionary processes of human populations. Possible impact of changes in cultural influences causing adaptive/selective events.

ABG506 Getting DNA Profiles

3 Credits

Obtaining DNA profiles for forensic purposes. Mitochondrial DNA, Y chromosome analysis, methods used in paternity, kinship and different lineage determination, probability calculations, report writing, presentation and cross-examination.

ABG507 Genetic Studies in Terror and Natural Disasters

3 Credits

Identification in cases where the number of victims is high, such as floods, fires, explosions, plane crashes, terrorist incidents.

ABG508 Behavior Genetics

3 Credits

Theoretical approach to genetic parameters affecting human behavior and current methods in their analysis.

ABG509 Used Techniques in Forensic Molecular Genetics

3 Credits

Methods used to obtain DNA from different biological environments, human body fluids and tissues, hair, bone and remains.

ABG510 Addiction Genetics

3 Credits

Hereditary causes of addiction, epigenetics, research in this field, the possibility of using it in diagnosis and treatment.

ABG511 Forensic DNA Typing Protocols

3 Credits

International standard methods and calculations used in lineage determination, quality assurance.

ABG512 Genetic Databases and Regulations

3 Credits

International regulations on DNA databases, their use for different purposes, international cooperation.

ABG513 Human Rights and Forensic Genetics

3 Credits

Human rights issues, ensuring information confidentiality, national and international issues in forensic genetic analysis.

ABG514 Population Genetics

3 Credits

Origin, conservation and possible significance of genetic diversity of populations. Selection, genetics the place of population genetics in theory and practice with a focus on drift and population structure.

ABG515 Biostatistics - Expertise - Report Writing

3 Credits

Biostatistics applications, margins of error, reflection on reports in Forensic Genetics applications.

ABG522 Seminar

ABG525 Project Study 30 Credits

ABG530 Thesis Study 60 Credits

FORENSIC INFORMATICS CRIMES COURSE CONTENTS

ABO522 Introduction to Forensic Sciences – Criminalistics 3 Credits

To make the subject of forensic science clear and comprehensive to a wide variety of students who are or plan to be aligned with the forensic science profession.

ABD501 Cybercrime Investigation: Evidence Collection and Management 3 Credits

The tools, methods and means used in the informatics investigations will be analyzed and the data stored in the FAT, NTFS, EXT and HFS filing systems and at the level of the filing systems.

ABD503 Cyber Criminology 3 Credits

Social science theories that cause victimization, cyber harassment, cyber abuse of children, internet crimes and internet use for terrorist acts, as well as internet gambling, digital piracy, human rights issues will be covered.

ABD504 Forensic Informatics 3 Credits

Identification, acquisition, storage, examination and submission to the court of all kinds of information objects consisting of sound, image, data, information or a combination of these stored in electromagnetic and electro-optical environments or transmitted by these media in a way that will serve as digital evidence in court.

ABD506 Investigation of Hi-Tech Crimes 3 Credits

This course is for final semester students of the high-tech crime studies program only. Forensic investigations simulation: issues such as creating an investigation plan, securing the crime scene, preparing the case for court, testifying in training courts will be covered.

ABD507 Informatics Law 3 Credits

In this problem-oriented course, which will focus on applying the analysis of current cases and statutes to various criminal crime patterns, cybercrimes, criminal law for the collection and analysis of digital evidence, criminal procedure law will be examined. Lesson is opened to students of the off-campus, distance education forensic science program.

ABD508 Digital Evidences 3 Credits

Obtaining evidence from computers that can carry large amounts of data, create unique logs, perform e-mail operations, have internal hard disks, manage user accounts, and are an important data source.

ABD509 Cyber Psychology

3 Credits

In this course, the use of cyber psychology in the conduct of forensic investigations, the role of psychologists and the methods used in the investigation of cases against cybercrime will be discussed.

ABD510 Incident-Based Cyber Crimes Investigation

3 Credits

With examples, the effect of digital evidence of different qualities obtained from cybercrime on the judicial system will be discussed.

ABD516 Steganography and Electronic Marking

3 Credits

In this course, digital data storage techniques, investigation of data storage and labeling techniques, attacks against steganography and watermarked information and measures taken against these attacks will be discussed.

ABD517 Cyber Crime Prevention

3 Credits

It is a course that focuses on the changing nature of the crimes committed in this medium and the reason why they are committed, and aims to detect and prevent them in advance, with the use of the internet becoming more and more widespread.

ABD518 Cybercrime and Cyber Terrorism

3 Credits

Which methods are used by cyber terrorism, which constitutes a special class among cybercrimes, proving them, collecting evidence, examining them in accordance with the law, reporting.

ABD509 Cyber Psychology

3 Credits

The reason for crimes committed in the virtual environment, the reasons that motivate these people, personality traits, pre-awareness and prevention techniques.

ABD522 Seminar**ABD525 Project Study** 25 Credits**ABD530 Thesis Study** 30 Credits