

## FORENSIC SCIENCES DOCTORAL COURSE CONTENTS

### **BABE601 Forensic Medicine**

**3+0+0, 6 ECTS**

Information about the application areas of forensic medicine, history, death, autopsy, wounds, sexual assault, domestic violence, forensic psychiatry, malpractice, and human rights violations are provided.

- Forensic Medicine - Introduction;
  - a) The area of interest, importance, and history of forensic medicine,
  - b) Forensic medicine structuring in our country, and other countries,
  
- Thanatology (Death Information);
  - a) Medical, and legal aspects of death, and related concepts (clinical death, brain death)
  - b) Discontinuation of medical support, and legal problems in brain-dead patients, Organ Transplantation,
  - c) Findings accompanying death,
  - d) Postmortem findings, and their importance in terms of Forensic Medicine,
  - e) Topics such as time of death prediction, sudden, and unexpected deaths, defective medical practices, and legal aspects, postmortem toxicology will be discussed.

### **BABE603 Basic Concepts in Criminal Law**

**3+0+0, 6 ECTS**

The aim of modern criminal law is to ensure that students with different disciplines, and education have knowledge of the field, the place within the science of criminal policy, the basic principles that dominate criminal law, the importance, and place of criminal law in forensic science.

### **BABE605 Basic Concepts in Criminal Procedure Law**

**3+0+0, 6 ECTS**

Criminal Procedure Law, principles for the protection of human rights, principles related to the preparation of reasoning, principles related to the form of reasoning, principles related to proof, the application area of criminal procedure rules, the criminal procedure will be dealt with.

### **BABE607 Introduction to Forensic Science – Criminalistics**

**3+0+0, 6 ECTS**

Physical Evidence, Collection, and Documentation of Physical Evidence, Organic-Inorganic Analysis, Soil Analysis, Hair, Hair, and Dye Analysis, Firearms, Forensic Document Review, Use of DNA Technologies in Forensic Science, Finger, and Footprint Examination, Food Poisoning in Forensic Science, Forensic Toxicology, Forensic Document Review are topics. In forensic cases, the aim is to provide basic information about the techniques used in the investigation of these pieces of evidence at the crime scene.

### **BABE609 Crime Scene Investigation, and Evidence Collection**

**3+0+0, 6 ECTS**

Within the scope of this course, collecting evidence from different crime scenes (sexual assault, murder, theft, vehicle accident, auto theft, etc.), and their effects on the illumination of the event will be discussed. The definition, and stages of Crime Scene Investigation, and the factors that affect the effective performance of the Crime Scene Investigation, which are necessary for the use of material evidence in revealing the crime, and the guilty, and acquiring the innocent will be explained. While all these processes are examined in detail, the legal basis, and requirements at each stage will be examined.

### **BABE611 Advanced Criminalistics I**

**9 ECTS**

This course will explore the information, and methods related to the scientific reconstruction of the crime. As a historical science, crime reconstruction will be compared to the use of experimental science, and the scientific method. Philosophical topics will include scientific inductivism, and forgery, the two basic methods used to evaluate hypotheses, and other epistemological approaches to the search for knowledge, and truth. A substantial part of the course will be devoted to the knowledge, and techniques required to identify, and

enumerate individual incidents including analysis of blood deposits, firearm evidence including ballistics, and other material, and physical traces.

**BABE612 Investigation Techniques in Criminal, and Civil Cases** **9 ECTS**

This course is designed to familiarize the non-criminal investigator with the procedures, techniques, legal concerns, and difficulties involved in a criminal investigation. The program focuses on the role of the criminal investigator, and emphasizes interview skills, and legal requirements. Combining classroom lectures, and practical exercises in the program enable students to better understand the various investigative procedures.

**BABE613 Current Issues in Forensic Sciences** **9 ECTS**

Critical advances are underway in the field of forensic science. Current trends, and techniques examined will be discussed.

**BABE614 Advanced Criminalistics II** **9 ECTS**

This course is designed to provide in-depth knowledge of the following eight categories of evidence: glass, textile fibers, paint, fire scraps, explosives, gunshot residue, illegal drugs, and hair. Each individual module reveals the type of evidence, and its forensic significance, details the relevant distinctive, and distinctive features for the work material in question, presents analytical techniques commonly applied in the criminalistics laboratory, and discusses data interpretation, and evidential value. The course is unique in that it addresses these categories of trace evidence from an operational forensic science perspective.

**BABE615 Criminology Theories, and Current Issues** **9 ECTS**

This course explores the changes that have taken place in the sociological study of crime, and deviance in recent years. It explores key perspectives on the "new" crime statement, asks about what to do about it, discusses the crimes we need to address, and as a result asks whether we should abandon the discipline of criminology. Our first focus is on articles written on the growing use of government, risk, and management accounting to explain how the crime was restructured in late modernity. At the center of this debate is David Garland's seminal text "The Culture of Control". The second element is concerned with the interaction between punishment, victim, and justice, which critically examines newly emerging basic principles in contemporary criminal law practice. Finally, by examining the crimes of strong, and perverse tones, the question has been raised whether we should abandon criminology in favor of social harm research.

**BABE616 Ethics in Forensic Sciences** **9 ECTS**

With the complexity of the interaction between the methodology of science, the principles of justice, and the realities of law, and criminalistics practice, ethical problems often arise. One of the hallmarks of a profession is a code of ethics that relates the actions of members of the profession to those affected by professional service users, and practitioners' actions. Ethics in Forensic Sciences: Defines the Professional Standards for Criminalistics Practice examines the necessity of ethical rules for forensic scientists, the basic features of such an ethical code, exemplifies, and gives examples of some ethical contradictions that arise in professional practice. The resolution of some of these conflicts will be discussed.

**BABE617 Current Issues in Addiction Prevention** **9 ECTS**

Ensuring the transfer of the necessary basic knowledge, and sharing of current issues in order to take part in the fight against substance use, and substance abuse, which is an important social, and individual problem in the world, and in Turkey.

**BABE618 Criminal Justice Systems** **9 ECTS**

In this course, you will criticize the basic concepts, theories, and approaches that form the basis of the justice sector that forms the basis of the justice system: Three arms of the criminal justice system: law enforcement,

judicial, and corrective services. You will research services for minority groups, and those who are overrepresented in justice systems. You also critically analyze policy development, and implementation while applying innovative fairness approaches to improve client outcomes.

**BABE619 Scientific Research, and Academic Writing**

**6 ECTS**

The aim of the course is to enable the student to use scientific research methods to solve a problem related to forensic science on the basis of analytical thinking. Completing the content of the course fully, the student, in the process of scientific research methods for the solution of events in Forensic Sciences, data collection, modeling, data analysis, interpreting the findings obtained to gain the ability to write reports.

**BABE620 Seminar**

**1 ECTS**

To ensure that students produce a scientific article, and update information in their department.

**BABE-621-622-623-624-625-626-627-628 Special Topics (PhD Thesis I-II-III-IV) 30 ECTS**

This course, which must be taken by students in the thesis phase of the Departments, includes the advanced, and original topics of the field. In this context, analyses, and synthesizes are carried out by examining publications, and articles related to the field. Reports are prepared by doing studies, and research on selected subjects. These courses are carried out by faculty members, and officials of the relevant Departments.

**Ph.D. Program of Graduates of Science**

**Elective Courses Course Contents**

**BABEF629 Blood Stain Pattern Analysis**

**3+0+0, 6 ECTS**

For crimes involving violent acts, this course will provide basic information on bloodstain pattern analysis, and include examples of its practices at the scene, primarily for those responsible for preparing forensic, and medical reports such as investigators, crime scene investigators, forensic experts, autopsy technicians, and those who will work in the field of crime scene resuscitation. The development, history, present condition of bloodstains pattern analysis; the reliability limits of pattern analysis, mechanisms of formation, impact angles, security measures to be taken in an environment with bloodstains at the possible origin point (region) of a group of bloodstains, documentation of stains, photoshoot, reporting, and evaluation of results.

**BABEF630 Advanced Statistics in Forensic Science**

**3+0+0, 6 ECTS**

Focusing on the use of statistical methods for forensic purposes, this course will include examples of data analysis, and analysis. Graphs, space measurement, distribution; probability, hypothesis testing, linear correlation, and regression modeling, major component analysis, Bayes Theorem, DNA profiling, biochemical cohesion (e.g. bloodstain), the possibility of re-criminalization over a specific time frame, reporting techniques for the prosecution, and defense authority will be focused.

**BABEF631 Criminal Profiling**

**3+0+0, 6 ECTS**

This course aims to examine the dynamics of criminal behavior of people using inductive, and deductive techniques, and teaches the determination of criminal behavior models by focusing on criminal characteristics, Crime Scene Investigation, evidence collection, autopsy findings, case linkage in various types of crime. Examines events such as murder, serial crimes, harassment by giving real-life examples.

**BABEF632 Forensic Instrumental Analysis****3+0+0, 6 ECTS**

Based on the principle of Chromatography, and Mass Spectrometry in forensic chemistry, and forensic toxicology, this course will focus on the use of equipment, material usage, material structures, and functions of the parts, in addition to the selection of material for the solution of problems of analytical, the chemistry lab safety, maintenance, and repair of the device, data synthesis, and interpretation.

**BABEF633 Investigation into the Manufacture of Illegal Substances****3+0+0, 6 ECTS**

The definition of the laboratory where the manufacturing of illegal substances is performed, these substances are manufactured in laboratories in recognition of meth labs, meth production hazards, basic investigative techniques, crime scene training of personnel, and the relevant legal regulations will focus on this course, which is illegal given the necessary information from the scene to some crosstab query factory investigations, the investigators prepared for protocols will be presented. In addition, the main chemicals used in the production of illegal drugs, and Explosives, tools, and equipment often used for this purpose will be introduced.

**BABEF634 Forensic Science, and Wildlife****3+0+0, 6 ECTS**

To raise the awareness of the student about Wildlife, and Habitats, Scientific Definitions Related to Wildlife, Wildlife, and Ecology, Hunting Law, and Hunting Legislation, Hunting Crimes, our Endangered Animals, International Conventions, its Effect on Local Legislation, and International Conventions, Europe's Wildlife, and Habitat crimes against wildlife in forensic medicine by transferring the necessary, and important information about Protection Contracts to the student. Wildlife, and Habitats, Scientific Definitions of Wildlife, Wildlife, and Ecology, Wild Animals, and International Responsibilities, Hunting Law, and Hunting legislation Hunting Crimes, Protection of Forests, Endangered Animals, International Conventions, International Trade Agreements on Trade, its Impact on Local Legislation, and International Conventions, the Convention on the Conservation of Europe's Wildlife, and Habitat, the Convention on Wetlands of International Importance as the Habitat of Water Birds will be discussed.

**BABEF635 Coding Theory****3+0+0, 6 ECTS**

This course introduces the theory of error correction codes to computer scientists. This theory, dating from the studies of Shannon, and Hamming, is quite intense for Theoretical Computer Scientists in terms of theorems, techniques. This course will focus on the results of asymptotic, and algorithmic importance. Major topics; Structure, and existential consequences for error correction codes, limitations on the combinatorial performance of error correction codes, Decoding algorithms, Applications in computer science.

**BABEF636 Network Security****3+0+0, 6 ECTS**

Network-Based Cyber-attacks are evolving day by day, with much more sophisticated technical, and sneaky capabilities that lead to the greatest losses on the face of individuals as well as an organization. Cybersecurity is the body of technologies, processes, and applications designed to protect networks, computers, and data from attack, damage, and unauthorized access. Cybersecurity training teaches professionals to detect vulnerabilities, fend off attacks, and respond to emergencies immediately.

**BABEF637 Information Security, and Digital Evidence Reviews****3+0+0, 6 ECTS**

Forensic Informatics teaches the methods, tools, and techniques required for data recovery, and analysis. Legal requirements for submitting such data will also be considered. The module develops the understanding of the role of a computer forensic analyst using existing practices, and investigative techniques while providing the knowledge, and skills required to systematically undertake a forensic computing investigation. Provides an in-depth understanding of computer, and network security principles, shows the most undefended vulnerabilities of a networked computer system, and how to design, and create a secure network. While society is increasingly dependent on computer systems, systems can be accessed from the intranet, and internet, thus increasing the risk of system integrity. Therefore, it is important to understand the threats, and vulnerabilities

of a system as well as the associated preventive, and remedial measures. This module develops your analytical, and evaluation skills in a complex, and unpredictable systems environment to meet the needs of a network owner, defining an appropriate level of security.

### **BABEF638 Forensic Entomology**

**3+0+0, 6 ECTS**

It is aimed to give general information about Forensic Entomology (Arthropodas), and information about insects, and flies used in forensic entomology. Forensic entomology science is multidisciplinary. Covers the fields of insect taxonomy, physiology, genetics, acrology, population dynamics, ecology, and statistics. Entomological evidence is often used to make up part of the postmortem range in human, and animal death, but often includes cases of food product contamination, and urban entomology.

### **BABEF639 Forensic Botany**

**3+0+0, 6 ECTS**

Forensic botany is an underutilized resource. However, depending on the specific case application in question, it is the field of special science that may include traditional botanical classification of species, DNA, or material evidence (tracing, and transfer evidence), such as crime mapping or geo-sourcing. Critical in evaluating plant evidence is the careful collection, documentation, and preservation for further scientific analysis.

Plant Forensic used for Botany of Systematics, and Plant Morphology issues, plant identification, Forensic Botany contribution of Economic, and Ethnobotanical disciplines, poisonous plants from Turkey, Forensic Plant Anatomy, Forensic Botany Microtechnology solutions, and discussion of forensic cases by molecular biological methods are among the topics.

### **BABEF640 Forensic DNA Analysis**

**3+0+0, 6 ECTS**

This lesson will consider that DNA can be very valuable in solving crimes. Organizing a crime scene, and participating in determining the analysis evidence, and processing the results to determine which suspect committed the crime, will contribute to the interactive teaching of the course. Crime scene investigation will include reviewing case studies, and how to evaluate DNA evidence, and discuss relevant ethical issues.

### **BABEF641 Forensic Physics**

**3+0+0, 6 ECTS**

Forensic physics is concerned with investigating the effects of blunt force on the forces produced by sharp instruments. The level of danger associated with liquid jets such as pepper knives can be (mechanically) determined through pressure measurements, and high-speed photography. Falling tower makes it possible to recreate drilling, and impact scenarios. In cooperation with the mechanical workshop, a wide scenario can be recreated to recreate a particular situation. The level of hazard associated with explosion events can be determined through blast pressure measurements.

### **BABEF642 Forensic Palynology**

**3+0+0, 6 ECTS**

It is aimed to use Palynology in Forensic Medicine, and Forensic Sciences, pollen morphology, pollen analysis, pollen diagnosis, preparation of reference materials, to use pollen in criminal cases. The student who takes the course understands the basic concepts of Palynology. Comprehend the importance of Palynology in Forensic Medicine, and Forensic Sciences. Uses it to solve problems related to the subject of the course. Gives direction to his research gained with his knowledge. Develops perspective on scientific research.

### **BABEF643 Forensic Microbiology, and its Applications**

**3+0+0, 6 ECTS**

To inform students about the acceptance of materials coming to the forensic science laboratory by any court, prosecutor's office, or special applications, and the application, and evaluation of the microbiological tests of the incoming samples. How to analyze all kinds of clinical materials, food, water, and other microbiological samples within the framework of forensic sciences, and how they will be evaluated according to the current legal criteria will theoretically be applied.

**BABEF644 Genetic Studies in Terrorism, and Natural Disasters** **3+0+0, 6 ECTS**

The action plan, which will be monitored when encountering terrorist, and natural disaster events, will talk about the decision on which forensic scientific method will be useful in illuminating the event, and the selection, and implementation of appropriate crime scene investigation techniques in such cases. Information will be given about which DNA analysis techniques can be applied to human remains that have been damaged in small amounts and/or severely due to the nature of natural disasters and terrorist incidents and therefore DNA analysis is difficult and the evaluation of the results obtained; The adequacy of laboratories to apply these methods will be discussed. Identification will be explained in cases where the number of victims such as floods, fires, explosions, plane crashes, terrorist incidents is high.

**BABEF645 Risk Value Analysis** **3+0+0, 6 ECTS**

To determine the risk value analysis in the business, and living areas of the chemicals, and physical materials being used, and sold, and to discuss the forensic dimension. Introducing the legal problems that arise if the risks involved in the work, and living areas of adult people are not eliminated in total.

**BABEF646 Chemical Warfare Agents: Low-Level Toxicology** **3+0+0, 6 ECTS**

Providing information about chemical warfare agents, and their toxicity. Health effects of the low-dose intake of nerve gases, toxic kinetics of low-dose intake of nerve gas, pharmacokinetics, and pharmacodynamics of organo-phosphorous compounds, riot, and mayhem control agents, physiological factors in chemical war terror are among the topics.

**BABEF647 Forensic Science, and DNA** **3+0+0, 6 ECTS**

In this course, which will be examined with emphasis on the importance of DNA in forensic science; Topics such as collecting, preserving, packing, and sending blood, and other bodily fluids to the laboratory, basic techniques used in identification, and proof of identity, DNA analysis will also be discussed.

**BABEF648 Cybersecurity Threats, and Precautions** **3+0+0, 6 ECTS**

The course covers security issues, and best practices available in a variety of applied areas, from business to military. This course discusses security threats, and existing counter-measures for the latest network, and computing technologies, including wireless networks, computer-controlled physical systems, and social networks. The course results in revealing current trends, and obvious problems.

**BABEF649 Data Recovery, and its Analysis** **3+0+0, 6 ECTS**

Computers, digital devices, and electronic storage media are available worldwide in homes, and businesses. Evidence of crime is found on many computers, and digital devices that require audio, and seizure, interrogation, and presentation methods. This course provides the skills necessary to unlock this wealth, and place it in the jurisdiction. Those who take this course will also be able to identify electronic devices, digital storage media that will contain electronic evidence, and better understand how these devices process, and store information. One also better understands disk geometry, and structures where different partitioning schemes such as GPT, Dynamic Disks, and MPT are used, including File Systems i.e. FAT, NTFS, and ExFAT. These will be processed in detail to enable data recovery to aid understanding of how the data is managed.

**BABEF650 Basic Principles of Security Technology** **3+0+0, 6 ECTS**

Information security is a discipline that aims to protect the confidentiality, integrity, and continuity of information products/devices, and data processed on these devices. Information security can basically be expressed by Confidentiality, Data Integrity, Availability, three principles, and traceability/registration Tuma (Accountability), Identity Testing (Authentication), Reliability (Consistency), Non-repudiation. This course will be processed in detail to cover them.

**BABEF651 Entomotoxicology in Forensic Science** **3+0+0, 6 ECTS**

Entomotoxicology is a new field of research in Forensic Sciences. Entomotoxicology studies cover toxicological analysis of carrion-fed insects to identify drugs, and poisons found in tissues after poisoning.

Dipteras, and other Arthropods are reliable alternative materials for toxicological analysis when no tissue, and biological fluid samples are found in research into the causing substance that causes death, tissues such as bone marrow, and hair, and in cases where they cannot be obtained. After the insects are homogenized, general toxicological analysis such as Radioimmunoassay (RIA), Gas Chromatography (GC), Thin Layer Chromatography (TLC), High-Pressure Liquid Chromatography-Mass Spectrometric (HPLC - MS), and Gas Chromatography-Mass Spectrometric (GC - MS) analyses. They can be analyzed easily with analysis procedures.

### **BABEF652 Firearms, and Trace Analysis**

**3+0+0, 6 ECTS**

A course that deals with the situation of firearms, knives, and other tools against the law, the wounds caused by them, the classification of firearms, ballistic, close-far-adjacent shot separation, gunpowder residues, and the examination methods used in their detection.

### **BABEF653 Behavior Genetics**

**3+0+0, 6 ECTS**

In Forensic Sciences, it is aimed to convey the interest of genetics to the social environment, and psychological addictions to students. Investigation, and Interpretation of Behavioral Genetics in Criminal Cases within the Scope of Forensic Sciences, and Forensic Medicine, the Relationship Between Genetic Structure, and Behaviors, Criminal Studies Evidence of Heredity in Behavior, its Relationship with Mental Diseases, and Genetics, the Relationship Between Suicide, and Genetics, the Effect of Addictive Substances on Genes, the Relationship of Aggression with Genetics, Receptor Gene Mutations, Neurological Diseases, and DNA Technologies Used in Genetic Behavior Genetics will be discussed.

### **BABEF654 Artifact Evidence Analysis**

**3+0+0, 6 ECTS**

Aims to use microscopic examination in the identification of hair, hair, sperm, and different stains. Provides an overview of the basic principles of forensic science, and material analysis. Contains information on a wide variety of trace evidence. The methods include textiles, explosives, glass, coatings, geo, and biomaterials, and brands, and displays, and a variety of other materials. Includes a section on professional topics such as crime scene court proceedings, lab reports, health, and safety, and discussions on field implantable devices.

### **BABEF655 The Forensic Aspect of Genetic Diseases**

**3+0+0, 6 ECTS**

In this course, students will be given a different perspective on malpractice cases related to genetic diseases, and solution-oriented training on the differences between knowledge about genetic diseases, and practices in routine. It is intended to examine, and interpret genetic diseases in cases. Topics such as Forensic Approach to Hereditary Metabolic Diseases, Examination of Genetic Differences in Drug Effect, Indications for Genetic Analysis encountered in Prenatal Diagnosis, Examination of Molecular Mechanisms of Genetic Diseases, Gene Therapy, and Ethical Dimension will be discussed.

### **BABEF656 Genetic Identification**

**3+0+0, 6 ECTS**

In this course; It is aimed to divert to the students how to convey subjects such as the collection of biological evidence from the crime scene, DNA sources, DNA obtaining methods, polymorphic systems used from past to present, and basic principles of population genetics, identification, determination of kinship relations. Crime Scene Investigation, and DNA Sources, and Biological samples, Polymorphic enzymes, and proteins, DNA Isolation Methods, RFLP, PCR, and Electrophoresis Techniques, Polymorphic DNA Systems I (VNTR, and STR locuses), Polymorphic DNA Systems II (Polymorphism linked to chromosome X, and Y), Polymorphic DNA Systems II (Mitochondrial DNA, and analysis techniques), STR analysis problems will be addressed.

### **BABEF657 Forensic Toxicology in Substance Abuse**

**3+0+0, 6 ECTS**

It is intended to provide the transfer of the necessary basic knowledge in order to take part in the fight against substance use, and substance abuse, which is an important social, and individual problem in the world, and in Turkey. Basic concepts related to substance abuse. General information about misused drugs, and stimulants, mechanisms of action, methods of determination from various matrixes, crimes committed under the influence of substances will be discussed. Substance abuse, and related concepts; Classification of substances, heroin,

morphine, codeine, methadone general information, mechanism of action, and toxicities, methods of determination of Opiates from various matrixes, general information of cannabis, hallucinogen fungi, and khat, mechanism of action, and toxicities, methods of determination from various matrixes, the legal evaluation will be discussed.

### **BABEF658 Physical, Biochemical, and Toxic Properties of Metals Found in Metalloproteins**

**3+0+0, 6 ECTS**

While it is intended to learn about the physical, chemical, and biological properties of important metals in the forensic laboratory, and to understand how these metals are metabolized in the body, it is intended to learn about the mechanisms of action of clinically important toxic metals in forensic laboratories, and as a result to reach the capacity to carry out scientific research in the field of forensic toxicology.

### **BABEF659 Population Genetics Data, and Statistical Analysis**

**3+0+0, 6 ECTS**

This course includes the basic concepts of population genetics, bio-statistical analysis of population genetics, and the application of these analyzes. Data analysis of population studies (STR, Y chromosome, SNP) in forensic sciences will be applied with statistical programs. Students will be able to analyze population genetics in both basic pieces of knowledge of population genetics, and applied Forensic Sciences. At the end of this course, students will be able to plan their experiments in thesis studies, and conduct data analysis. Arlequin software introduction, and data preparation, Arlequin Software application (STR, Y-STR analysis), Arlequin Software application (SNP, Indel analysis), Structure Software introduction, and data preparation, Structure Software application (STR analysis), Structure Software application (SNP, Indel analysis) are the topics to be covered.

### **BABE 601 Forensic Medicine**

**3+0+0, 6 ECTS**

Information about the application areas of forensic medicine, history, death, autopsy, wounds, sexual assault, domestic violence, forensic psychiatry, malpractice, and human rights violations are provided.

- Forensic Medicine - Introduction;
  - a) The area of interest, importance, and history of forensic medicine,
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  - b) Discontinuation of medical support, and legal problems in brain-dead patients, Organ Transplantation,
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Criminal Procedure Law, principles for the protection of human rights, principles related to the preparation of reasoning, principles related to the form of reasoning, principles related to proof, the application area of criminal procedure rules, criminal procedure will be dealt with.



**BABE607 Introduction to Forensic Science – Criminalistics****3+0+0, 6 ECTS**

Physical Evidence, Collection, and Documentation of Physical Evidence, Organic-Inorganic Analysis, Soil Analysis, Hair, Hair, and Dye Analysis, Firearms, Forensic Document Review, Use of DNA Technologies in Forensic Science, Finger, and Footprint Examination, Food Poisoning in Forensic Science, Forensic Toxicology, Forensic Document Review are topics. In forensic cases, the aim is to provide basic information about the techniques used in the investigation of these pieces of evidence at the crime scene.

**BABET629 Forensic Dentistry****3+0+0, 6 ECTS**

While explaining the place, and importance of dentists in forensic medicine practices, it is also one of the main objectives to gain the practice of forensic dentistry.

**BABET630 Forensic Anthropology****3+0+0, 6 ECTS**

Forensic Anthropology is one of the important branches of science that continues to work with Forensic Medicine, and takes its basis from the identification of skeletons. Forensic Anthropology is a branch of Physical Anthropology that primarily deals with the identification of human skeletal remains after death. Provides basic biological profiles of human skeletons to aid in general identification. This biological profile usually covers age, gender, height, origin, and post mortem changes, and can also provide some additional information for positive identification.

**BABET631 Introduction to Forensic Odontology, and Osteology****3+0+0, 6 ECTS**

Understanding the history of forensic dentistry, the ability to evaluate the role of dental evidence in the administration of justice, and to place it in the context of the wider justice system, skills to evaluate, and question a wide range of current issues in the field of forensic dentistry, the ability to evaluate the scope of forensic dentistry, physical including misuse of dental evidence, the ability to evaluate the principles, and practices of the collection, and preservation of evidence, to gain a critical perspective on the principles supporting the various classes, and individualization tests performed by the laboratory, and detailed information about the science, and art of forensic medicine for each type of physical evidence.

**BABET632 Forensic Pathology****3+0+0, 6 ECTS**

Pathology is concerned with the recognition, investigation, and study of structural, and functional changes in related cells, tissues, and organs. In this context, molecular pathology in forensic medicine, primitive motivational behavior in deaths, determination of origin in death: murder, suicide, accident, and natural deaths, wound pathology, and determination of wound age, molecular pathology in the determination of wound age, determination of time of death, autopsy; external examination, and internal examination are among the topics.

**BABET633 Forensic Neuropsychiatry****3+0+0, 6 ECTS**

The basic concepts of Forensic Psychiatry, with Forensic Neurology being at the forefront, and the basic principles for expert witnesses are given.

**BABET634 Forensic Psychopharmacology****3+0+0, 6 ECTS**

Teaching narcotic, and stimulant substances, giving information about pharmacology, and basics of psychopharmacology. The aim is to introduce narcotic substances, and to reinforce the diagnosis, and diagnosis information on the subject.

**BABET635 Forensic Archeology****3+0+0, 6 ECTS**

It can be defined as the uncovering, and examination of human remains using the methods of archeology in forensic cases. During these examinations, the types of graves, and burials ensure that the skeleton is unearthed, the evidence around the deceased is collected, photography, drawing, the protection of the remains belonging to the individual, and the appropriate examination.

**BABET636 Death in Medical, and Legal Aspects****3+0+0, 6 ECTS**

Within the framework of law, and ethics, it is aimed to develop the knowledge of the concept of death, and the ability to evaluate death as medical, and forensic.

**BABET637 Blood Stain Model Analysis****3+0+0, 6 ECTS**

First of all, it includes general information about Blood Stain Model Analysis, history, application area, basic principles on which it is based, mathematical, and physical rules, stain classification, case study. Accordingly, it aims to learn the basic principles, and methods on which the bloodstain models found most frequently in the crime scene.

**BABET638 Clinical, and Postmortem Toxicology****3+0+0, 6 ECTS**

While outlining clinical, and post-mortem toxicology, it is aimed to evaluate clinical, and post-mortem toxicological findings within the scope of forensic sciences.

**BABET639 Medical Practice Errors, and Expertise****3+0+0, 6 ECTS**

The Errors in Medical Practice, and Expert Course, whilst providing information about the civil, and criminal responsibility of doctors, expert issues, and working principles; the student in this course; can make a proactive assessment in the face of a claim, the concept of medical malpractice, physician-patient rights, patient safety, the ability to obtain informed consent, standards, concepts, and current developments, in this regard, a national, and international basis, and knows how to follow the world, and in Turkey, knows the differences related to due process of law in the system of medical malpractice, medical malpractice claims, related to professional, administrative, civil, and criminal investigations of the process, knows professional, administrative, civil, and criminal investigation processes related to claims of medical application errors, knows how to provide, and evaluate expert reports on this issue, can make a proactive assessment in the face of a claim.

**BABET640 Forensic Radiology****3+0+0, 6 ECTS**

Showing Imaging Methods in Forensic Medicine, and reinforcing the basic concepts of forensic radiology with the basic knowledge of virtual autopsy. (Autopsy monitoring will be carried out at the Medical Examiner's Office.)

**BABET641 Paraphilias in Terms of Forensics****3+0+0, 6 ECTS**

The basic physiology of sexuality, sexual dysfunction, and its treatment, sexual therapy, sexual pathology, and addressing paraphilias are among the topics. It is aimed to address these issues in terms of normal-pathological sexual preferences, and forensic medicine-crime.

**BABET642 Forensic Microbiology****(3+0+0, 6 ECTS unutuldu?)**

To examine what the microorganisms are, that causes food poisoning, and their evaluation in forensic cases in a healthy way, and to gain perspective in the microbiological investigation of all kinds of food, and products. In addition, the hygiene index is to explain what some microorganisms are, and to evaluate the existing regulations, and national, and international standards on food.

**Doctoral Program of Bachelor of Social Sciences Graduates  
Elective Courses Course Contents**

**BABES629 Impact of new communication technologies on child abuse 3+0+0, 6 ECTS**

Ease of access to new technologies, fast internet connections, mobile devices used to connect to the internet-enabled even young children to benefit from these opportunities. With this development, the abuse of children has become easier. It has become easier for children to communicate with strangers, and share large data files, and it has become difficult for parents to be aware of these interactions. Children are unaware of

the risks posed by the new threats they face, and the problems that the information they share may bring. In this course, the recognition of the problem, its size, communication technologies encountered in child abuse, new forms of abuse, victimization risks, the profile of the aggressor, and the techniques of dealing with the problem will be emphasized.

**BABES630 Trafficking of Cultural Assets**

**3+0+0, 6 ECTS**

In the light of the 1970 UNESCO Convention, and United Nations conventions, legal regulations, definitions, smuggling ways, criminal profile, the size, and international nature of the problem, international cooperation, return to the source will be focused on preventing the smuggling of cultural assets. Especially, the smuggling of artworks, and archaeological finds will be explained with examples, focusing on investigation techniques.

**BABES631 International Organized Crimes**

**3+0+0, 6 ECTS**

Nature, dynamics, causes, and control of organized crime of an international nature are gradually diversifying, and becoming more difficult. Based on this fact, the course will focus on crime structures, and ways of crossing illegal activities across borders, international legal regulations used in combating such crimes, possible combat techniques, classification, and analysis of the crime, testing the reliability of the available data, private sector, non-governmental organizations, and state cooperation models will be settled. Furthermore, examples of rare, and recently emerging international criminal organizations will be presented as well as traditional ones.

**BABES632 Forensic Psychiatry, and Expertise in Forensic Psychology** **3+0+0, 6 ECTS**

The role of psychologists, and psychiatrists in the criminal justice system is increasing, but it has many problems in itself. It will focus on the areas where experts are consulted, differences of opinions, legal standards, tests applied, cross-examinations. Examples of forensic psychiatry, and forensic psychology in criminal, and civil cases will be given.

**BABES633 Forensic Intelligence**

**3+0+0, 6 ECTS**

When criminal evidence is properly collected, and analyzed, they provide a valuable source of intelligence to investigators, and criminal analysts. Within the scope of this course, examples of using data on evidence in advanced analysis, and as new sources of forensic intelligence will be given. Coding techniques where investigation units can set up their own systems will be presented. Examples of VICAP, AMOS, HOLMES, as well as cooperation models of crime scene investigation personnel, crime analysts, and forensic scientists, will be given, and their use in the fields of DNA, fingerprint, ballistics, drugs will be communicated.

**BABES634 Geographical Profiling**

**3+0+0, 6 ECTS**

The history of geographic profiling, which is a technique that helps the investigator in the enlightenment of serial violent crimes, its application examples, the estimation of the region where the criminal lives based on the relationship between the points where the serial crimes are committed, especially the use of the victim, and the perpetrator in the illumination of violence, and sexual crimes, aggressive hunting behavior, target selection, crime scene types, geographic profiling map layers, data acquisition.

**BABES635 Money Laundering**

**3+0+0, 6 ECTS**

The definition of crime, terrorist, and terrorist financing, the use of financial institutions in money laundering, and terrorist financing, application examples, claims, gambling, money laundering risk of bets, international dimension, and the nature of criminal organizations will be covered. The function of Europol, and Interpol, as well as ECAB, FIU.net, AMON, and FCIC networks will be emphasized in the struggle.

**BABES636 International Drug Policies**

**3+0+0, 6 ECTS**

Considering the fact that the control of drugs at the international level has been carried out continuously since the beginning of the 20<sup>th</sup> century, the periods of change in policies will be included, and the legal regulations, and conventions on which the national, and international control is based on limiting the use of these substances for other than medical, and scientific purposes will be emphasized. Policy changes in our country from the Ottoman Empire to the present day, and the dimensions of our fight against drugs will be covered.

**BABES637 Current Research in Forensic Psychology****3+0+0, 6 ECTS**

By examining discuss the latest publications in our country, and the world in the field of Forensic Psychology, and Turkey also uses this information to adapt their thesis, acquired informed as the work done in this area.

**BABES638 Sexual Assaults, and Domestic Violence****3+0+0, 6 ECTS**

False beliefs that cause sexual assault, and domestic violence to continue are emphasized. In order to better recognize the cases of sexual assault, child sexual abuse, and domestic violence; The subject is addressed with legal, medical, social, and spiritual dimensions, and information is provided on factors that affect the attack, the characteristics of the victim, and the aggressor, the characteristics of the attack, examination evidence, reporting, physical, and mental effects of the attack on the victim, and crime prevention activities.

**BABES639 Legal Aspects of Sexual Crimes****3+0+0, 6 ECTS**

While sexual crimes are identified with morality, and honor within the moral rules in the Turkish Penal Code §765, the main purpose of this course is to explain the new regulations, and crime types in the Turkish Penal Code No. 5237, which deviates from this understanding, and aims at social order based on individual freedom. Subjects such as sexual assault, child sexual abuse, sexual intercourse, and sexual harassment crimes, groundless sexual assault allegations, collecting evidence in sexual assaults, taking statements, and alternative penal sanctions will be covered.

**BABES640 Hate Crimes****3+0+0, 6 ECTS**

In this course; It is aimed to evaluate criminological evaluation of hate crimes, and the victim's religion, language, race, nationality, ethnic origin, gender, philosophical or political belief, sexual preferences, and etc. hate crimes committed based on hostility towards their characteristics in the context of the Turkish Penal Code.

**BABES641 Interpersonal Violence, and Mental Trauma****3+0+0, 6 ECTS**

Definition of interpersonal violence, its prevalence, causes, types, the definition of mental trauma, its prevalence, factors affecting the emergence of post-traumatic mental problems, post-traumatic mental problems, interview techniques with children, and adult victims, and prevention activities against individual violence will constitute the content of the course. Types of interpersonal violence, definitions, prevalence, causes, the definition of mental trauma, its history, prevalence, reactions to trauma, factors affecting the emergence of post-traumatic mental problems, risk factors, post-traumatic mental problems: Specific problems; Acute stress disorder, post-traumatic stress disorder, signs of abuse in child victims of sexual abuse, and techniques to meet with these children are among the topics.

**BABES642 Trauma's Individual, and Intergenerational Effects;****3+0+0, 6 ECTS****Priorities in Forensic Medical Interpretation, and Evaluation**

Interpretation, and reporting of the physical, and mental effects of immigration, mass, massive, and cumulative traumas, and individual violent behaviors require forensic medical evaluation in accordance with the provisions of Refugee Law, Turkish Criminal Law, Civil Law, and Private Law. The issue is important due to changing laws, and social events.

**BABES643 Forensic Medicine, and Forensic Sciences  
in the National System****3+0+0, 6 ECTS**

It is aimed to increase the knowledge about the structure, and working areas of institutions working in the field of Forensic Medicine, and Forensic Sciences in the national system, to introduce the working areas of forensic sciences with the practical training to be given in relevant organizations.

**BABES644 Forensic Neuropsychiatry****3+0+0, 6 ECTS**

The basic concepts of Forensic Psychiatry, with Forensic Neurology being at the forefront, and the basic principles for expert witnesses are given.

**BABES645 Forensic Psychopharmacology****3+0+0, 6 ECTS**

Aims to teach narcotic, and stimulant substances, giving information about pharmacology, and basics of psychopharmacology, to introduce narcotic substances, and to reinforce the diagnosis, and diagnosis information on the subject.

**BABES646 Criminology****3+0+0, 6 ECTS**

This course provides a general introduction to crime investigation. The main focus of the course is on addressing topics such as crime measurement, crime patterns and trends, crime types, criminological theory, and crime and criminality from a global perspective.

**BABES647 Forensic Traumatology****3+0+0, 6 ECTS**

In this course, information is given about the definitions of basic traumatology subjects, classifications, wound characteristics, evaluation of the severity of the wounds, evaluation of the reports, evaluation of injuries that cause social deaths such as traffic accidents, and explosions, and cause the general body trauma. With this course, the student knows the concept of wound, and injury, the mechanics of injury, and the types of wounds. Can distinguish different types of wounds, understand reports on injuries, evaluate the severity of wounds within the scope of TCK (Turkish Penal Code), knows the forensic-medical approach in traffic accidents, and explosions.

**BABES648 Alcohol, and Substance Dependency  
ECTS****3+0+0, 6**

Definition, and terminology of addiction, etiology of addiction, properties of addictive substances, addiction treatment, course, and consequences of addiction are the purposes for which information is given.

**BABES649 Biocrime, Bioterrorism, and Biosecurity****3+0+0, 6 ECTS**

Based on Forensic Microbiology, information is given about the basic concepts of Biocrime, and Bioterrorism, and the basic principles for a field study on this subject.

**BABES650 Contemporary Philosophy, and Psychoanalytic Theories****3+0+0, 6 ECTS**

The relationship between psychoanalytic theory, and contemporary philosophy is aimed. The theories put forward by prominent psychoanalytic theorists such as Freud, Jung, Adler, Rank, Lacan, Klein, Laplanche, Pontalis, Abraham, and Torok, especially in the 20<sup>th</sup> century. Philosophy (Paul Riceur, J. P. Sartre, Slavoj Žižek) is discussed with a philosophical approach.

**BABES651 Psychoanalytic Theory, and Forensic Medicine****3+0+0, 6 ECTS**

Psychoanalytic Theory, and Forensic Medicine: The aim of the course is to evaluate forensic medical issues such as aggression, paraphilia, victimization from a psychoanalytic perspective. In the content of the course, S. Freud's views on aggression, S. Freud's theory on paraphilias, sadomasochism, M. Klein, and his views on aggression, S. Freud's mass psychology, ego psychology, and aggression, Lacan, and aggression, object relationship theory, aggression, Kernberg's view of aggressive behavior, self-psychology, and aggression, aggressive behavior in children, and adolescents, and psychoanalysis will be discussed.

**BABES652 Child, and Adolescent Psychopathology****3+0+0, 6 ECTS**

While the main purpose is to examine the development in childhood, and adolescence, and the mental behavioral disorders are seen in children, and adolescents in these periods; information is given about mental development in children, and adolescents, and the pathology of mental behavioral disorders seen in these periods is also included in the content.

**BABES653 Dissociative Disorders, and Forensic Medicine****3+0+0, 6 ECTS**

Dissociative disorders are a psychiatric diagnosis group that should be examined in multi-axis for forensic medicine. Dissociative disorders, which can also lead to temporary memory loss, and will impairment, can

affect the criminal, and legal capacity in proportion to the severity of the pathology. In this course, it is aimed to discuss the current theoretical approaches related to dissociative disorders, the definition, and classification of this disease, its epidemiology, interview techniques, clinical patterns, and case reports, and treatment methods.

**BABES654 Investigation in Killing, and Injury Crimes**

**3+0+0, 6 ECTS**

The regulations on killing, and wounding crimes in the Turkish Criminal Code, the elements, and characteristics of the crime types will be explained. In addition, the characteristics of the victim, and the observations at the scene of the murder are classified according to international standards, especially the FBI, protection, victim science, staged crime scenes, investigation strategies, what to do first to the scene, eyewitnesses, interview with witnesses, forensic experts, and prosecutors. Cooperation, documentation, photography, time after death, identification, comments on motif, and signature in cases where the perpetrator is unknown, and evidence collection for these will be covered.

**BABES655 Personality, and Crime**

**3+0+0, 6 ECTS**

This course is designed to introduce postgraduate students to personality, and complicity. This course examines how personality is formed during the formation of years, and influences criminal behavior throughout life. Examines also how the personality is embodied in the characteristics of the crime, by analyzing how criminals interact with the environment, and their victims. Emphasis will be placed on the analysis of personalities, and characteristics of crime in classical literary works.

**BABES656 Psychology, and Judicial System**

**3+0+0, 6 ECTS**

The content of this course focuses on psychological problems related to litigation in criminal, and civil court. Potential reading, and discussion topics include judge, and jury decision-making, jury selection, jury deliberation, effects of prejudicial publicity, and additional legal evidence on case outcomes, expert witnesses, and defense negotiation processes.

**BABES657 Advanced Research Methods in Forensic Sciences**

**3+0+0, 6 ECTS**

The aim of the course is to enable the student to use scientific research methods to solve a problem related to forensic science on the basis of analytical thinking. Completing the content of the course, the student, in the process of scientific research methods for the solution of events in Forensic Sciences, data collection, modeling, data analysis, interpreting the findings obtained to gain the ability to write reports.

**BABES658 Advanced Multi-Variable Statistics**

**3+0+0, 6 ECTS**

In this course, we will examine historical, and contemporary multivariate techniques. Topics to be covered include ANCOVA, MANOVA, principal components, and factor analysis, multiple regression, differential analysis, profile analysis, canonical correlation, survival analysis, structural equation modeling, and meta-analysis. Particular emphasis will be placed on the assumptions underlying the analysis, and data preparation.

**BABES659 Neurobiology of Antisocial Behavior**

**3+0+0, 6 ECTS**

Over the past two decades, we've seen a real explosion of neuroscience research into the structure, and function of the human brain. Like many other aspects of human behavior, this research has given us an understanding of the biological bases of criminal proceedings. While this research does not identify much of a "crime" part of the brain, it highlights numerous neural abnormalities that may encourage criminal, and/or immoral actions. In this advanced seminar, we will explore the latest empirical study of these neural abnormalities, and highlight the underlying procedure of various criminal behaviors. In particular, attention will be taken to the neural abnormalities underlying reward, and penalty processing, enforcement control, and emotions, including guilt, fear, and shame. As well as the ethical, and practical consequences of neuroscience research for the Cisman justice system, these abnormalities are thought to lie below various externalization disorders, including substance expression, sexual deviation, and psychopathic behavior.

**BABES660 Personal Attributes of Criminals**

**3+0+0, 6 ECTS**

In this course, which will address criminals with personal characteristics, and personality disorders, psychopathic criminals, mental illness, and ailments will also be dealt with, and personal characteristics will be tried to be revealed. The method showing the personality characteristics of the individuals responsible for the criminal act is defined as a "criminal profile". In addition to social scientists, and behavioral scientists, this subject, which is also within the field of study of Forensic Scientists, is often related to criminal investigation studies, and identification of the suspect in unresolved cases.

### **BABES661 Criminology, and Forensic Psychology**

**3+0+0, 6 ECTS**

With this course, you are given the opportunity to enter the mind of a criminal, and understand the thought processes experienced by the most notorious criminals. Allowing to dig deeper than what appears on the surface, and look at the root causes of various crimes. Topics include the history of criminal profiling, Crime analysis, Current approaches to criminal profiling, Criminal profiling, Profiling serial killers, Future of criminal profiling.

### **BABES662 Cultural Factors in Psychopathology**

**3+0+0, 6 ECTS**

The aim of this course is to teach psychopathology, diagnosis, and cultural factors that affect the definition, and perception of the psychotherapy process. It is aimed to raise awareness of the relationships between modern psychopathology, and local psychologies, how cultural factors affect the process in psychotherapy practices, cultural influences in different psychopathologies, and possible effects of culture in professional practices.

### **BABES663 Psychology, and Violent Crime**

**3+0+0, 6 ECTS**

Despite technological, and social advances, inexplicably violent nature crimes still permeate contemporary civilization around the world. Despite the passage of time over the centuries, and the supposed evolution of our societies, the existence of such deviations suggests that some of the most basic human instincts may be fundamentally related to the tendency to violence. Serial violent crimes, far from the manifestations of the modern age, bear an uncanny resemblance to some ancient mythological creatures. These similarities reveal suggestions that such creatures may have been explained by ancient cultures with crimes of arrogance. Serial violent crimes in contemporary society do not establish any relation to the supernatural; instead, it is one of the topics that will be covered in this course to explain it more conceptually with labels such as serial murder, serial rape, or serial arson.

### **BABES664 Law, and Justice Psychology**

**3+0+0, 6 ECTS**

This course examines the definition of a crime as a punishment, and the social-psychological processes that deserve prosecution, and opinion. Do we blame someone for cruelty? How do blame models inform our criminal justice system? The actions of the police, suspects, witnesses, and courts are examined in turn. Police are prominently in the early stages as they identify, and arrest criminals. A decision is made whether to prosecute, given the evidence provided by the police. Before a case reaches the trial stage, there will be opportunities for the suspect to confess, and to negotiate with certainty or price. Prosecution, and defense in court present alternative narratives. Witnesses' behavior, attitudes, and role have been subject to separate considerations. Following a criminal decision, the judge is prominently present, and the factors that determine the decisions of the sentence will be examined, and the influence of the public on the justice system will also be examined. In addition, the situation of psychologically 'abnormal' criminals will be discussed in relation to the appropriateness of existing practices. The psychological effects that prison can have on criminals will also be examined.

### **BABES665 Forensic Psychology in Police Investigation - Criminal Profiling 3+0+0, 6 ECTS**

Offender profiling is currently viewed by many law enforcement agencies around the world as an integral part of serious crime investigations, and continues to attract a high public, and media profile. Despite almost three decades of research, and development in the field, the public impression of criminal profiling is still influenced by its significant advances in theory, research, and practice by misleading media depictions. Issues on Introduction to Criminal Profiles, Approaches to Offender Profiling, Effectiveness of Offender Profiling will be discussed.

**BABES666 Advanced Measurement, and Evaluation Techniques in Psychology 3+0+3 6 ECTS**

The aim of this course is to introduce students to the fundamentals, technical, and methodological principles of psychometry, as well as to the developmental, and current approaches of psychometrics. Students taking this course will know scale levels, score transformations, and norms, understand the theoretical bases of techniques such as reliability, and validity of psychometrics, apply these techniques in real data sets, and interpret the results obtained as a result of the analysis.

**BABES667 Criminal Liability, and Psychiatric Defenses 3+0+0, 6 ECTS**

Defense mechanisms are defined as "mechanisms that are used unconsciously without bringing the problem to the agenda, in order to cope with anxiety caused by unsatisfied needs through prevention or conflict." In defense mechanisms, there is a degree of "self-deception", a kind of "defense" rather than defense. As a matter of fact, when these mechanisms are used, the factor that decreases the anxiety level of people is this change in perception.

**BABES668 Advanced Forensic Psychology, and Case Applications 3+0+0, 6 ECTS**

Basic concepts, and analysis methods of forensic psychology constitute the general framework of the course. The definition of crime, and delinquency, the historical background of the concept of crime, personality traits prone to crime, criminal capacity, and criteria, and legal capacity criteria are examined. In addition, substance addiction, and crime, mental illness, and crime, biological concepts with guilt, factors, sociological concepts, and factors in criminality form the content of the course.

**BABES669 Psychology of Criminal, and Criminal Behavior 3+0+0, 6 ECTS**

In this course, the subject of guilt is covered from a broad psychological perspective. Consider the evidence that consistent criminal trends can be reliably assessed, and evaluate to what extent personality factors can explain this consistency. The investigation of defensive, and offensive behavior, and the contribution of investigative psychology to police studies were examined. The concept of a psychopath is studied, with a more general examination of the relationship between crime, law, and moral judgment. The sources of childhood criminal tendencies are detailed, and their abundant expression in adolescence is emphasized, and studied. Analyze the role of victims in criminalization, identification, and reporting, and reveal the psychological consequences of the crime for victims, and potential victims.

**BABES670 Philosophy of Science 3+0+3 6 ECTS**

In this course, by learning the development of science in history, looking at science from different perspectives, teaching the characteristics that characterization science, the characteristics of scientific knowledge, the characteristics of the scientific method, the characteristics of scientific theory, the need to complete scientific knowledge with other types of knowledge are discussed in terms of different approaches of thinkers.

**BABES671 Sexual Offences 3+0+0, 6 ECTS**

This course provides an overview of sexual crime, and the study of sex offenders. Through research examining basic theories, and research findings, students will try to understand why people commit crimes of a sexual nature. Typical topics include the etiology of sexual crime, the prevalence of sexual offenses, types of sex offenders, theories of sexual offenses, and evaluation, and treatment of sex offenders.