

Forensic Natural Sciences Master's Degree Program (with Thesis)

Purpose of the Program:

The Forensic Natural Sciences Master's Program (with Thesis), which will be opened under the GCGA Forensic Sciences Institute, Forensic Natural Sciences Department, aims to create the scientific infrastructure of students in examination subjects such as biology, chemistry, palynology, entomology and anthropology, which are the basic examination and specialization areas of forensic natural science. Students enrolled in the program will have the opportunity to specialize by taking elective courses according to their undergraduate graduation and areas of interest, after receiving basic forensic science education.

Course List and Crediting:

The courses planned to be included in the Forensic Natural Sciences Master's Program (with Thesis) are listed in Table-1.

Lesson Code	Course Name	Course Status	Time	National Credit	ECTS
ABE101	Research Methods	Compulsory	3	3	8
ABE102	Forensic Sciences and Forensic Medicine	Compulsory	3	3	8
ABE103	Statistics Applications in Forensic Sciences	Elective	3	3	6
ABE104	Crime Scene Investigation	Elective	3	3	6
ABE105	Forensic Photography	Elective	3	3	6
ABE201	Ethics and Quality System in Forensic Sciences	Compulsory	3	3	8
ABE202	Evidence Law	Compulsory	3	3	8
ABE203	Expertise Law	Elective	3	3	6
ABE204	Seminar	Compulsory	3	0	4
ADB205	Instrumental Analysis Principles	Elective	3	3	6
ADB206	Forensic Biology Investigations and Applications	Elective	3	3	6
ADB207	Forensic Genetics	Elective	3	3	6
ADB208	Identification of Body Fluids	Elective	3	3	6
ADB209	Forensic Chemistry Investigations and Applications	Elective	3	3	6
ADB210	Chromatographic Analysis Methods	Elective	3	3	6
ADB211	Spectroscopy and Electron Based Analysis Methods	Elective	3	3	6
ADB212	Fire and Explosive Analysis	Elective	3	3	6
ADB213	Palynology in Forensic Sciences	Elective	3	3	6
ADB214	Pollen Morphology	Elective	3	3	6

ADB215	Plant Diagnostic Methods	Elective	3	3	6
ADB216	Aeropalinalogy	Elective	3	3	6
ADB217	Botanical terminology	Elective	3	3	6
ADB218	Systematics of Forensic Entomological Species	Elective	3	3	6
ADB219	Evidence Collection Methods in Forensic Entomology	Elective	3	3	6
ADB220	Classification of Insects	Elective	3	3	6
ADB221	Forensic Entomological Ecology	Elective	3	3	6
ADB222	Bloodstain Pattern Analysis	Elective	3	3	6
ADB223	Data collection techniques in forensic anthropology	Elective	3	3	6
ADB224	Identification in forensic anthropology	Elective	3	3	6
ADB225	Molecular anthropology	Elective	3	3	6
ADB226	Identification of Disaster Victims	Elective	3	3	6

Table-1 Courses planned to be included in the Forensic Natural Sciences Master's Degree Program (with Thesis).

Forensic Natural Sciences Master's Degree Program (without Thesis)

Purpose of the Program:

In the Forensic Natural Sciences Master's Degree Program (without Thesis) to be opened within the Department of Forensic Natural Sciences of the GCGA Institute of Forensic Sciences, in accordance with the purposes stated in the 11th article of the Postgraduate Education and Training Regulation of the Council of Higher Education, biology, which are the main areas of examination and specialization of Forensic Natural science. It is aimed to create the scientific infrastructure of students in the application of investigations in the fields of chemistry, palynology, entomology and anthropology in forensic analyses.

In this context, personnel who do not have foreign language proficiency currently work in the fields of science within the scope of forensic natural sciences as experts or assistant experts / assistants in the Criminal Department of the Gendarmerie General Command, the Criminal Department of the General Directorate of Security and the Criminal Laboratory of the General Directorate of Customs. The aim of the Forensic Natural Sciences Master's Degree Program (without Thesis) is to increase the academic competence of the staff in question, as well as other students with similar qualifications, in the field of forensic sciences and to enable them to complete a non-thesis master's degree in order to specialize.

Course List and Crediting:

The courses planned to be included in the Forensic Natural Sciences Master's Degree Program (without Thesis) are listed in Table-2.

Lesson Code	Course Name	Course Status	Time	National Credit	ECTS
ABE101	Research Methods	Compulsory	3	3	8
ABE102	Forensic Sciences and Forensic Medicine	Compulsory	3	3	8
ABE103	Statistics Applications in Forensic Sciences	Elective	3	3	6
ABE104	Crime Scene Investigation	Elective	3	3	6
ABE105	Forensic Photography	Elective	3	3	6
ABE201	Ethics and Quality System in Forensic Sciences	Compulsory	3	3	8
ABE202	Evidence Law	Compulsory	3	3	8
ABE203	Expertise Law	Elective	3	3	6
ADB201	Instrumental Analysis Principles	Elective	3	3	6
ADB202	Forensic Biology Investigations and Applications	Elective	3	3	6
ADB203	Forensic Genetics	Elective	3	3	6
ADB204	Identification of Body Fluids	Elective	3	3	6
ADB205	Forensic Chemistry Investigations and Applications	Elective	3	3	6
ADB206	Chromatographic Analysis Methods	Elective	3	3	6
ADB207	Spectroscopy and Electron Based Analysis Methods	Elective	3	3	6
ADB208	Fire and Explosive Analysis	Elective	3	3	6
ADB209	Palynology in Forensic Sciences	Elective	3	3	6
ADB210	Pollen Morphology	Elective	3	3	6
ADB211	Plant Diagnostic Methods	Elective	3	3	6
ADB212	Aeropalynology	Elective	3	3	6
ADB213	Botanical Terminology	Elective	3	3	6
ADB214	Systematics of Forensic Entomological Species	Elective	3	3	6
ADB215	Evidence Collection Methods in Forensic Entomology	Elective	3	3	6
ADB216	Classification of Insects	Elective	3	3	6
ADB217	Forensic Entomological Ecology	Elective	3	3	6
ADB218	Bloodstain Pattern Analysis	Elective	3	3	6
ADB219	Data Collection Techniques in Forensic Anthropology	Elective	3	3	6
ADB220	Identification in Forensic Anthropology	Elective	3	3	6

ADB221	Molecular Anthropology	Elective	3	3	6
ADB222	Identification of Disaster Victims	Elective	3	3	6

Table-2 Courses planned to be included in the Forensic Natural Science Master's Degree Program (without Thesis).