

**FORENSIC CHEMISTRY AND FORENSIC TOXICOLOGY
MASTER'S PROGRAM EDUCATION-
TEACHING PLAN WITH/WITHOUT THESIS**

I. Semester						
Course Code	Course name	Type	Theo ry	Applicatio n	Credi t	ECTS Credit
AKT505	Introduction to Forensic Sciences - Criminalistics	Z	3	0	3	6
AKT503	Basic Principles in Forensic Chemistry	Z	3	0	3	6
AKT501	Forensic Pharmacology and Toxicology	Z	3	0	3	6
ABF505	Scientific Research Methods and Research Ethics in Science	Z	3	0	3	6
ABKXXX	Program Elective I	S	3	0	3	6
TOTAL	Minimum credits to be taken in the semester - AKTS		15	0	15	30
Second Semester						
Cours e Code	Course name	Type	Theo ry	Applicatio n	Credi t	ECTS Credit
AKT502	Postmortem Toxicology	Z	3	0	3	6
AKT504	Scientific Evidence in Criminal and Civil Cases	Z	3	0	3	6
AKT506	Ethics, Criminal Laboratory Management and Quality Assurance	Z	3	0	3	6
ABS500	Seminar (Thesis)	Z	0	0	0	2
ABKXXX	Program Elective III	S	3	0	3	6
ABKXXX	Program Elective IV	S	3	0	3	6
TOTAL	Minimum credits to be taken in the semester - AKTS		15	0	15	32
ELECTIVE COURSES						
AKT507	Separation Techniques in Forensic Chemistry	S	3	0	3	6
AKT508	Forensic Chemistry in Document and Ink Examination	S	3	0	3	6
AKT509	Trace Evidence and Microscopy	S	3	0	3	6
AKT510	Artifact Evidence Analysis (Glass, Paint, Soil)	S	3	0	3	6
AKT511	Fire and Explosive Investigation	S	3	0	3	6
AKT512	Forensic Psychoactive Substance Analysis	S	3	0	3	6
AKT513	Forensic Analytical Chemistry	S	3	0	3	6
AKT514	Drug and Poison Chemistry	S	3	0	3	6

AKT515	Forensic Chemistry in Criminal Investigation	S	3	0	3	6
AKT516	Forensic Chemistry and Law	S	3	0	3	6
AKT517	Biochemistry of Addiction	S	3	0	3	6
AKT518	Forensic Pharmacology and Toxicology	S	3	0	3	6
AKT519	Forensic Medicine	S	3	0	3	6
AKT520	Illicit Substances and Toxicology	S	3	0	3	6
AKT521	Analytical Toxicology	S	3	0	3	6
AKT522	Case-Based Toxicology	S	3	0	3	6
AKT523	Principles of Drug Action	S	3	0	3	6
AKT524	Instrumental Analysis in Toxicology	S	3	0	3	6
AKT526	Current Research Techniques in Postmortem Toxicology	S	3	0	3	6
AKT527	Neuropharmacology	S	3	0	3	6
AKT528	Environmental Toxicology	S	3	0	3	6
AKT529	Postmortem Toxicology of Addictive Substances	S	3	0	3	6
AKT531	Molecular Toxicology	S	3	0	3	6
AKT532	Clinical Chemistry	S	3	0	3	6
AKT533	Synthetic Drugs	S	3	0	3	6
AKT534	Internationally Controlled Chemicals	S	3	0	3	6
III. Semester						
Course Code	Course name	Type	Theory	Application	Credit	ECTS Credit
AKT530	Thesis Study	Z	0	0	0	30
AKT525	Project Study (Without Thesis)	Z	0	0	0	30
Semester IV						
Course Code	Course name	Type	Theory	Application	Credit	ECTS Credit
AKT530	Thesis Study	Z	0	0	0	30
Total ECTS for Thesis Program					Total 128	
Total ECTS for Non-Thesis Program					Total 96	