



MINISTRY OF HEALTH OF UKRAINE
NATIONAL UNIVERSITY OF PHARMACY
DEPARTMENT OF MEDICINAL CHEMISTRY



MEDICAL AND ANALYTICAL TOXICOLOGY





Description of the educational component

The elective educational component of “Medical and Analytical Toxicology” is

- a professionally-oriented educational discipline
- intended for applicants of higher education in specialty 226 “Pharmacy, Industrial Pharmacy”
- studied in the VII semester

Topicality



- ❑ Medical Toxicology studies the mechanisms of drug action on the human body in toxic and subtoxic doses
- ❑ Analytical Toxicology is the detection, identification, and measurement of foreign compounds in biological and other specimens (the sectional material, biofluids, material evidence of poisonings, environmental objects, food products and other samples)

The main practical assignments of Analytical Toxicology are:

- Forensic-Toxicological Examinations
- Analytical Diagnostics of Intoxications
- Expertise of Illicit Drugs in Seized Materials
- Substance Abuse Assessment for Drug & Alcohol Addiction
- Doping Control in Sports

Aims



The purpose of studying the educational component is to train specialists who are able to solve the practical problems in:

- professional activity of the forensic toxicologist
- professional activity of the clinical toxicologist
- specialized tasks of the forensic and narcological service

Practical application of knowledge



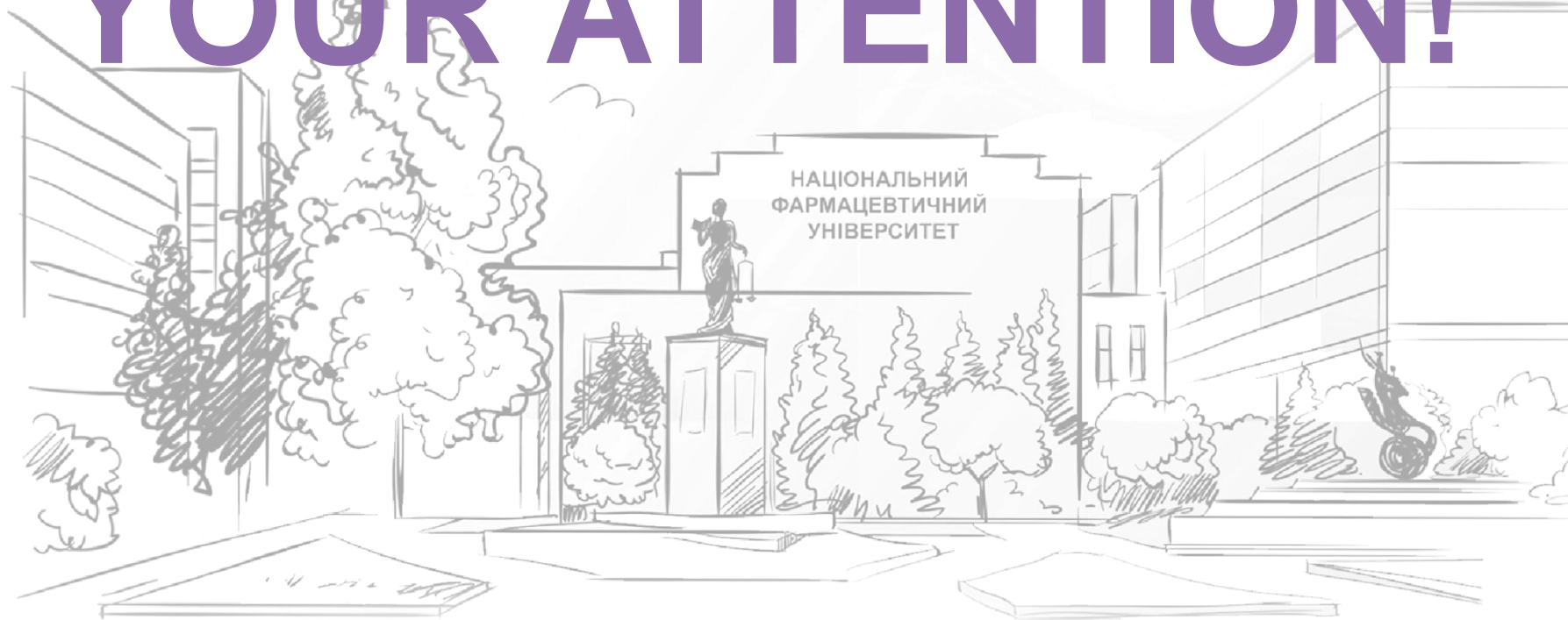
The knowledge gained will allow you to realize yourself in :

- Forensic Toxicology Laboratories of Medical Examiner's Offices
- Clinical Toxicology Laboratories of Poison Centres, Health Centres and other primary care facilities
- Expert and Criminalistics Centres of the Ministry of Internal Affairs
- State Service for Medicines and Drug Control



We are waiting for you at the department of Medicinal Chemistry and wish you success in mastering the discipline of " Medical and Analytical Toxicology "

THANK YOU FOR YOUR ATTENTION!



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