



**FACULTY OF PHARMACY
MEDICAL UNIVERSITY-SOFIA**

Dunav Str. 2, 1000 Sofia; Tel./Fax: 02 9879 874; e-mail: dean@pharmfac.mu-sofia.bg

DEAN:

(Prof. Alexander Zlatkov, DSc)

Department of Pharmacology, Pharmacotherapy and Toxicology

SYLLABUS

ELECTIVE „DRUG ADDICTION“

Semester: VII

INCLUDED IN "PHARMACY" EDUCATIONAL CURRICULUM

EDUCATIONAL DEGREE: "MASTER"

CREDITS (ECTS) = 5

Horarium:

Lectures: 30 hours

Practicals: 30 hours

ANNOTATION

In recent years, there has been an increased trend related to the growing use of psychoactive substances, particularly evident among adolescents. The Drug Addiction course aims to raise pharmacists' awareness of the mechanisms and main characteristics of different groups of psychoactive substances. In the training, pharmacists are also introduced to the main doping agents and the methods and techniques for their analysis. In the course, students will also be introduced to the criteria and principles of substitution therapy as well as the control of addiction treatment. The specifics of outreach activities and ethical aspects of working with addicts will also be addressed.

Current control and assessment system: seminars and final examination at the end of the academic year (written and oral).

English language training

SYLLABUS

1. Drug abuse. Tolerance, types. Drug dependence: modern conceptions and mechanisms. Withdrawal syndrome.
2. Incoming drugs - toxicology of alcohol, nicotine and marijuana.
3. Mechanisms of addiction to CNS depressants.
4. Mechanisms of addiction to stimulants.
5. Mechanisms of addiction to psychomimetics.
6. Abuse of anabolic steroids.
7. Drug abuse prevention. Types. Primary prevention. Secondary prevention - outreach method. Outreach.
8. Treatment of addictions. Detoxification. Drug therapy.
9. Substitution therapy. Types of risks. Ethical forms.
10. Relapse prevention. Therapeutic communities. Long-term rehabilitation.
11. Principles of emergency care for overdose with psychotropic substances. Antidotes.
12. National drug control. Current legal and regulatory use. Role of the pharmacist in drug abuse prevention.
13. Experimental models of drug dependence.
14. Express methods for the demonstration of psychoactive substances in biological material.
15. Ethical aspects of working with addicts.

Date: 30.09.2021

Program author:.....

Prof. Virginia Tzankova, PhD

Head of the Department:.....

Prof. Georgi Momekov, DSc