Посветени на хуманността
МЕДИЦИНСКИ УНИВЕРСИТЕТ – ПЛОВДИВ
4002 Пловдив
бул. В. Априлов № 15А
нумератор: 032 60 22 11

www.mu-plovdiv.bg

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MEDICAL UNIVERSITY – PLOVDIV
15A, Vassil Aprilov Blvd.
4002 Plovdiv, Bulgaria
exchange: 00359 32 60 22 11

MEDICAL UNIVERSITY OF PLOVDIV

FACULTY OF PHARMACY

DEPARTMENT: PHARMACOGNOSY AND PHARMACEUTICAL CHEMISTRY

The program was approved by the Department council with Protocol № 05/14.07.2026

CURRICULUM

FOR PRACTIMUM PHARMACEUTICAL CHEMISTRY

V winter semester of the 2026/2027 academic year, III course

№	T O P I C	H O U R S	DATE
1.	Introduction to pharmaceutical chemistry. Chemical nomenclature.	4 hours	15.09-18.09.2026
2.	Absorption, distribution, and metabolism.	4 hours	21.09-25.09.2026
3.	Pharmacodynamics – drug targets and drug-target interactions. Drug design – introduction, objectives, and fundamental concepts. Pharmacophores, structure-activity relationships (SAR), and strategies for drug structure optimization.	4 hours	28.09-02.10.2026
4.	Anesthetics.	4 hours	05.10-09.10.2026
5.	Barbiturates. Benzodiazepines, Z-drugs. Anxiolytics.	4 hours	12.10-16.10.2026
6.	Antidepressants. Antipsychotics.	4 hours	19.10-23.10.2026
7.	Antiparkinson drugs.	4 hours	26.10-30.10.2026
8.	Antiepileptic drugs.	4 hours	02.11-06.11.2026
9.	Psychostimulants and nootropic drugs.	4 hours	09.11-13.11.2026
10.	Analgesics, antipyretics, antimigraine preparations.	4 hours	16.11-20.11.2026
11.	Nonsteroidal anti-inflammatory drugs.	4 hours	23.11-27.11.2026
12.	Drugs, affecting the sympathetic autonomic nervous system.	4 hours	30.11-04.12.2026
13.	Drugs, affecting the parasympathetic autonomic nervous system.	4 hours	07.12-11.12.2026
14.	H1 blockers. Drugs for treatment of peptic ulcer and gastroesophageal reflux disease.	4 hours	14.12-18.12.2026
15.	Anticancer drugs.	4 hours	21.12-25.12.2026

Approved by:

/Head of Department: Prof. K. Ivanov, MPharm, PhD/