

MEDICAL CHEMISTRY

1st year - GENERAL MEDICINE - winter semester 2017/2018

Practicals: Seminars (SEM) and Laboratories (LAB)

	Date		Topic
1.	4.10., 5.10.	SEM	Introduction, principles of security
2.	11.10., 12.10.	SEM	Chemical nomenclature of inorganic compounds (INN)
3.	16.-18.10.	LAB I	Qualitative analysis of cations and anions
4.	25.10., 26.10.	SEM	Chemical calculations
5.	1.11., 2.11.	SEM	Volumetric analysis
6.	6.-8.11.	LAB II	Volumetric analysis
7.	15.11., 16.11.	SEM	TEST I (Nomenclature) TEST II (Calculations, volumetric analysis)
8.	22.11., 23.11.	SEM	pH, buffers
9.	27.-29.11.	LAB III	pH, buffers
10.	6.12., 7.12.	SEM	Reactions of organic compounds
11.	11.-13.12.	LAB IV	Reactions of organic compounds
12.	20.12., 21.12.	SEM	<i>Consultations on requested topics</i>
13.	3.1., 4.1.	SEM	TEST III (pH, buffers) TEST IV (Organic chemistry)
14.	10.1., 11.1.	SEM	CREDIT

Practical course in *Medical Chemistry* is divided into *seminars* and *laboratories*.

Seminars take place in a lecture hall in Pavlov's pavilion (**PAV**), for two study groups together:

Groups 3, 4: Wednesdays 7:30 – 10:00

Groups 2, 5: Thursdays 7:30 – 10:00

Attendance at the seminars is required (only one absence is allowed).

Laboratories take place in the students' laboratory in Prochaska's pavilion, in weeks marked in the syllabus. 100% attendance at the laboratories is required.

For the laboratories, each study group has its own individual term:

Group 2 Wednesdays 18.10., 8.11., 29.11, 13.12. 15:50 – 18:20

Group 3 Wednesdays 18.10., 8.11., 29.11, 13.12. 7:30 – 10:00

Group 4 Tuesdays 17.10., 7.11., 28.11, 12.12. 16:20 – 18:50

Group 5 Mondays 16.10., 6.11., 27.11, 11.12. 13:40 – 16:10

Manuals: Medical Chemistry – Laboratory Manual

Textbook: Basic Organic Chemistry for Medical Students

Requirements for the credit:

1. Attendance at the seminars and laboratories.
2. Completed lab reports.
3. All the tests successfully passed. The number of attempts is limited to three per test!