

MEDICAL CHEMISTRY

1st year - DENTISTRY - winter semester 2017/2018

Practicals: Seminars (SEM) and Laboratories (LAB)

Friday 11⁰⁰ – 13³⁰

	Date		Topic
1.	6.10.	SEM	Introduction, principles of security
2.	13.10.	SEM	Chemical nomenclature of inorganic compounds (INN)
3.	20.10.	LAB I	Qualitative analysis of cations and anions
4.	27.10.	SEM	Chemical calculations
5.	3.11.	SEM	Volumetric analysis
6.	10.11.	LAB II	Volumetric analysis
7.	17.11.	SEM	TEST I (Nomenclature) TEST II (Calculations, volumetric analysis)
8.	24.11.	SEM	pH, buffers
9.	1.12.	LAB III	pH, buffers
10.	8.12.	SEM	Reactions of organic compounds
11.	15.12.	LAB IV	Reactions of organic compounds
12.	22.12.	SEM	<i>Consultations on requested topics</i>
13.	5.1.	SEM	TEST III (pH, buffers) TEST IV (Organic chemistry)
14.	12.1.	SEM	CREDIT

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

Seminars take place in the seminar room in Pavlov's pavilion.

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 subgroup has its own individual term:

Subgroup A	Fridays	20.10., 10.11., 1.12, 15.12.	12:30 – 15:00
Subgroup B	Fridays	20.10., 10.11., 1.12, 15.12.	15:10 – 17:40

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!