



CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE
AND
GENERAL UNIVERSITY HOSPITAL IN PRAGUE
**Institute of Medical Biochemistry
and Laboratory Medicine**

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Announcement for Summer Term 2024/2025
2nd year GENERAL MEDICINE

Education in **Medical Chemistry and Biochemistry** in the summer term 2024/2025 for the second year students of the 1st Faculty of Medicine, English Class, General Medicine program, begins on Monday, February 24th 2025 according to the schedule for each group and the issued syllabus.

Lectures are held on **Wednesdays 10:45-12:15**, in our **Lecture Hall No. 3.073**, Kateřinská 32, second floor; and also on **Thursdays, 12:30-14:00**, in the **Lecture Hall No. 1.26**, U Nemocnice 4. The list of lecture topics is given by the syllabus. The lectures are formally non-mandatory and attendance is not recorded. However, knowledge of the lectures will be required in full extent at the exam. Accordingly, attending the lectures is highly recommended.

Seminars will take place in the **Lecture Hall No. 3.073**, Kateřinská 32, second floor, according to the syllabus and schedule for each group:

Group 2051, 2054:	Monday 14:15-15:45
Group 2052, 2053:	Tuesday 14:15-15:45
Group 2055, 2056:	Friday 14:15-15:45

Seminars are mandatory classes, and attendance will be recorded. Active participation of students is encouraged and expected. In the first week of the semester the seminar is reserved for a revision test on metabolism of saccharides, lipids, amino acids and proteins.

One **tutorial** will be held in the summer semester. Its organization will be analogous to the tutorials in the winter semester.

Practical lessons will take place in the **Student Laboratory** of our institute, Kateřinská 32, second floor, according to the schedule for each group and the issued syllabus:

Group 2055, 2056	Tuesdays	14.15 – 17.15
Groups 2051, 2052	Wednesdays	14.15 – 17.15
Groups 2053, 2054	Thursdays	14:15 – 17.15

From the 3rd to 9th week a block of practical exercises in molecular biology will take place, ending with a control test. No short tests will be written at the beginning of these molecular biology practical lessons. The other practical lesson will usually start with a short test focused on the principles of the scheduled experiments.

In the 11th week, the practical lesson will include an oral examination on urine analysis. The practical exercises will be concluded with a practical credit examination in the 14th teaching week. The practical credit questions and further details are specified by a separate announcement.

Each student is supposed to bring to the practical lesson a white laboratory coat, slippers, padlock (for the cloakroom) water-resistant markers, writing tools, and the written instructions issued for each practical lesson.

Students are obliged to read the instructions issued for each practical lesson in advance. Unfamiliarity with the instructions can be considered as violation of the safety rules and in extreme cases may result in exclusion of such student from the practical lesson (with absence counted). Students are generally obliged to follow our Safety Rules for Work in Student Laboratory.

Credit requirements:

- 1) Sufficient attendance and active participation in the regular practical lessons and seminars. At most three lessons (altogether) can be missed from serious and certifiable reasons.
- 2) Passing the small tests written at practical lessons. An average of at least 60 % of all obtainable points is required. Students who fail to achieve this result can be given up to two amendatory attempts for all the small tests together.
- 3) Passing the two interim revision tests (metabolism and molecular biology). At least 60% of all obtainable points is required from each test. In case of failure each test can be repeated twice.
- 4) Passing the oral examination on analysis of urine during the practical lessons, with possibility of two re-takes.
- 5) Passing the practical credit examination scheduled for 14th week of the semester (will be specified by a separate announcement). In case of failure two re-takes can be provided.
- 6) A successful completion of the tutorial.
- 7) Completed, submitted and approved laboratory reports from practical lessons.

Any eventual failure to obtain the credit can be upon request by the student cross-checked by the head of the institute Prof. Tomáš Zima. The failed credit will be recorded to the SIS.

The credit from Medical Chemistry and Biochemistry 2 is together with the credit from Medical Chemistry and Biochemistry 1 (as announced for the winter semester 2024/25) a prerequisite for the final examination. The credit requirements must the student complete not later than 5 days before the scheduled date of the final exam.

Group teacher can rearrange the lessons at the end of the semester individually for the students who plan to take the final exam on a pre-term.

The **examination** from medical chemistry and biochemistry will take place on the dates announced in the SIS and will consist of a written test and an oral examination, for which the student tosses a quaternion of questions. Further information on the enrollment for the exam, exam test, exam questions, and course of examination is announced separately.

February 6th 2025

Prof. MUDr. Tomáš Zima, DrSc. MBA
Head of the Institute of Medical Biochemistry
and Laboratory Medicine