



CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE
AND
GENERAL UNIVERSITY HOSPITAL
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Announcement for Winter Term 2026/2027
2nd year DENTISTRY

Education in subject '**Biochemistry and Pathobiochemistry 2**' in the winter term 2026/2027 for the second-year students of the 1st Faculty of Medicine, English Class Dentistry program begins on Wednesday, September 30th 2026 according to the issued syllabus.

The course consists of seminars and practical lessons.

Seminars are mandatory lessons (attendance taken) that are held according to the schedule and issued syllabus in the **Seminary Room No. 3.074** of the Institute of Medical Biochemistry and Laboratory Diagnostics, Kateřinská 32, every **Wednesday from 14:30 to 16:00**, and also every **Friday from 9:15 to 10:45**. Active participation of students at the seminars is encouraged.

Practical lessons are scheduled only for certain weeks of the winter term. They take place in the Student Laboratory of our institute, Kateřinská 32, second floor on **Friday afternoons from 14:15 to 16:30**. There will be three lessons in total according to the issued syllabus. Organisation of the practical lessons will be similar to those in the first year. Written instructions will be provided; students are obliged to read them in advance and bring to the lesson either printed or in a personal electronic device.

In addition, up to 10 hours of non-mandatory consultations will be offered at the end of the semester.

Credit requirements:

- 1) Sufficient attendance and active participation in the seminars and practical lessons. At most three lessons can be missed altogether, and only one practical lesson can be missed.
- 2) Passing the two interim revision tests:
 - **Test in the 7th week** will focus on biochemistry and pathobiochemistry of oral cavity, and selected pathobiochemical mechanisms, especially those related to inflammation, oxidative stress, and diabetes mellitus (seminar topics from 1st to 6th week).
 - **Test in the 12th week** will contain questions on dental materials.

At least 60% of all obtainable points is required. In case of failure each test can be repeated twice more. In such case the mandatory date(s) for test retakes will be set by the group teacher. The exact time and venue for each test will be specified later.

- 3) Completed, submitted and approved laboratory reports from practical lessons.

Failure to obtain the credit will be investigated by prof. MUDr. Tomáš Zima, DrSc., MBA., if requested by the student. The failure to obtain the credit will be recorded to the SIS.

The credit is a prerequisite for the final oral examination on the subject 'Biochemistry and Pathobiochemistry'. The credit requirements must be completed at least five days before the planned exam date. Further prerequisites for the exam are the credit from Biochemistry and pathobiochemistry 1 (first year, summer semester) and completed exam from the first year subject Medical Chemistry, Materials in Dental Medicine.

Prof. MUDr. Tomáš Zima, DrSc., MBA
Head of the Institute

September 1st, 2026