



MEDICAL CHEMISTRY

The academic year 2026/2027

Following internal regulation No. 10/2026 JFM CU and § 6 of the decree on the study credit system, the evaluation of the subject Medical Chemistry I will be carried out according to the following principles.

1. 100% participation in laboratory practicals and seminars is mandatory.

- Students actively participate in seminars and laboratory practicals according to the timetable.
- **Absences** will be excused only by a medical certification from a doctor. Students unable to attend Chemistry classes during the semester due to health issues must substitute all missing practicals and seminars during 13th or 14th week.
- A maximum of **2 absences** are allowed per semester to be substituted! Only **one seminar or practical** can be substituted in one term.
- Students **missing more than two practicals/seminars must submit a written request** to the head of the Department of Medical Biochemistry JFM CU in Martin. After the application is approved, the student is allowed to complete the substitution.

Students receive **6 credits** for the subject Medical Chemistry.

2. Obtaining a minimum of 60% from all 5-question tests:

- At the beginning of seminars 1-7, there will be a small 5-question test on the topic and related lectures to the given seminar.
- **Missing 5-question tests** will be retaken in the 13th week of the semester.
- Students, who obtain **less than 60% (21 points)** of points from all small 5-question tests during the semester, will write a 35-question retake test in the 13th week (1st retake) and 14th week (2nd retake).
- Students, who do not manage to get 60% from the 35-question test even on the 3rd attempt (2nd retake), must submit a written request to the Head of the Department of Medical Biochemistry JFM CU in Martin and will be examined by a committee.
- **Any non-participation in the test or substitution means the loss of the term!**

3. Achieving at least 60% in the Credit test (CT)

- At the end of the semester (in the 12th week), students will take a credit test covering the material taught during the semester. Specific instructions regarding the Credit test will be announced during the semester, no later than 2 weeks before the date of the test.
- The credit test will consist of **30 questions** (multiple-choice with one correct answer and open-ended). A maximum of **60 points** can be obtained from the credit test. To successfully pass the test, a minimum score of **60% (36 points) is required**.
- In case of failure to pass the test, the test may be retaken twice. The first retake will take place in the 13th week, and the second one—depending on agreement and the number of students (usually in the 14th week of the semester). Students, who do not manage to get 60% from the Credit test even on the 3rd attempt (2nd retake), must submit a written request to the Head of the Department of Medical Biochemistry JFM CU in Martin and will be examined by a committee.
- **Each absence from the credit test counts as a missed attempt!**

The result of all tests will be evaluated based on the JFM CU scale:

- A (1) = 91-100 %
- B (1.5) = 81-90 %
- C (2) = 73-80 %
- D (2.5) = 66-72 %
- E (3) = 60-65 %
- Fx (4) = less than 60 %

Students with a grade of "A" for the semester are not required to take the pre-exam test and may register for the pre-term.

DUTIES OF STUDENTS

SEMINARS

Students must be theoretically prepared for the seminars.

- From relevant lectures
- P. Racay: Medical chemistry and biochemistry III. Comenius University Bratislava, 2012
- P. Racay: Medical chemistry and biochemistry IV. Comenius University Bratislava, 2016
- E. E. Abali, S. D. Cline, D. S. Franklin, S. M. Viselli: Lippincott Illustrated Reviews: Biochemistry, Eight ed., Wolters Kluwer, 2022 (or previous editions of this book)

LABORATORY PRACTICALS

Students must be prepared for the laboratory practical:

- Lehotsky et al., Medical Chemistry and Biochemistry II, Comenius University Bratislava, 2012.
- MS TEAMS team - JFM_Medical chemistry – folder LABORATORY PRACTICALS

1. Students must come to seminars and laboratory practicals **on time!**
2. **Calculators** are necessary for seminars as well as laboratory practicals!
3. The use of **mobile phones and other devices not required for the classes** is prohibited throughout the entire course.
4. In case of late arrival (exception is only a serious reason) students are not allowed to continue in seminars or laboratory practicals. They must substitute the seminar/practical in the substitution week.
5. Students must change their shoes and put all unnecessary things, and clothes in the cupboards in the corridor.
6. In the laboratory, students must wear a white coat and change shoes following laboratory safety rules!
7. Students will not be allowed to attend laboratory practicals without a white coat and changed shoes.
8. At the end of each laboratory practical students prepare a protocol, either on paper or tablet allowing the teacher to sign it. Students must save all protocols for possible control at the end of the semester.
9. **In case of any uncertainties regarding the seminars, laboratory classes, or testing, as well as for the purpose of excusing absences from seminars and laboratory classes, students may contact the teacher responsible for the course *Medical Chemistry*, doc. MUDr. Michal Cibulka, PhD.** Contact is possible on working days via email: michal.cibulka@uniba.sk, MS TEAMS chat or personally (Department of Medical Biochemistry, 3rd floor, room number 4.90).

In the MS Teams application team **Medical chemistry 2026/27** (code: 15mxdds), PDF materials for lectures, practicals and all instructions and requirements will be stored.