Excerpt from the minutes of the meeting of the Educational and Methodological Subject Commission (UMPK) for "General Medicine," No. 9, dated May 15, 2026.

Presented by:

Chairman: Assoc. Department of Faculty Therapy Ibragimova T.M.
Secretary: Assistant of the Department of Faculty Therapy Duisheeva G.K.

Memebers:
A. Abdiev – Surgery Coordinator, Candidate of Medical Sciences, Acting Associate Professor in the Department of Faculty Surgery
Ch.K. Uralieva – Head of Academic Affairs for the Department of Fundamental and Clinical Physiology
G.K. Sharshenalieva – Coordinator of the "Introduction to the Specialty" module; Head of Academic Affairs for the Department of Propedeutics of Internal Diseases (with a course in Endocrinology)
B.K. Orozalieva – Coordinator for Obstetrics and Gynecology, Candidate of Medical Sciences, Associate Professor in the Department of Obstetrics and Gynecology No. 2

Akmatova N.S. – Department of Philosophy and Social Sciences
Anarbaeva Zh.A. – Candidate of Medical Sciences, Academic Coordinator of the Department of Medical Biology
Baatyrova N.Zh. – Department of Biochemistry
Baibolova A. – Assistant, Department of Foreign Languages and Latin
Bolotova A.B. – Department of the Kyrgyz Language
Berdalieva Zh.I. – Department of Biochemistry
Dzhakypbaev O.A. – Candidate of Medical Sciences, Associate Professor, Department of Hospital Therapy (including a course in Hematology)
Mamytkanova E.A. – Department of Foreign Languages and Latin
Mamedkalieva Zh.A. – Department of Medical Psychology, Psychiatry, and Narcology
Makeeva M. – Academic Coordinator, Department of General and Operative Surgery
Seitbekova G.S. – Department of Public Health and Healthcare
Saidyldaeva A.B. – Candidate of Medical Sciences, Academic Coordinator, Department of Normal Physiology
Tamaeva K.A. – Department of Normal and Topographic Anatomy
Umetalieva N.Z. – Department of Basic and Clinical Pharmacology
Shamil u. E. – Academic Coordinator, Department of Hospital Surgery (including a course in Operative Surgery)
Elgondieva T.A. – Department of Foreign Languages
Esenbekova Z.E. – Department of Normal Physiology

Agenda:
Review and approval of work programs of disciplines and elective courses for the 2026-2027 academic year.

Zh. I. Berdalieva, an assistant in the Department of Biochemistry (which includes a course on general and bioorganic chemistry) at the I. K. Akhunbaev Kyrgyz State Medical Academy (KSMA), presented a syllabus for the elective course "The Role of Macro- and Microelements in the Human Body," designed for first-year students of the Faculty of General Medicine. The course, which comprises 60 hours (2.0 credits), consists of 12 hours of lectures, 18 hours of practical sessions, and 30 hours of independent student work. The syllabus was developed in accordance with the 2026 State Educational Standard requirements. It was prepared by department staff: Head of the Department, Doctor of Biological Sciences, Professor Zh. A. Makhmudova; Acting Associate Professor (Candidate of Chemical Sciences) Zh. I. Berdalieva; Senior Lecturer N. E. Abdyldaeva; and Lecturer F. A. Ismailov. The objective of the course is to build and deepen students' understanding of the role of macro- and microelements (and their compounds) in physiological processes, the fundamental chemical transformations underlying metabolism, and the medical applications of various inorganic and organic substances. The syllabus has received positive reviews from O. A. Chonorova—a physician of the highest category, Candidate of Medical Sciences, and Chief Physician at the National Center of Phthisiology under the Ministry of Health of the Kyrgyz Republic. An excerpt from the minutes of the departmental meeting is also attached. All meeting participants took part in the discussion.

Resolved:

1. To approve the syllabus for the elective course "The Role of Macro- and Microelements in the Human Body" for first-year students of the Faculty of General Medicine, and to recommend it for further review by the Main Educational and Methodological Commission (GUMK) of the I.K. Akhunbaev Kyrgyz State Medical Academy (KSMA).

Chairperson: /signed/ Assoc. Prof. T.M. Ibragimova
Secretary: /signed/ Asst. G.K. Duisheeva