

Scientific priority areas of the East-West University (2023-2025 years)

The integration of research and teaching in the university is ensured by the active involvement of professors and lecturers in research activities.

For the strategic period, the university's priorities were the expansion of the research environment and the promotion of the introduction of modern standards that will be applied to research activities to achieve scientific progress.

Based on the survey of the academic team of the university, research and scientific needs, study and analysis of the potential of the university and its partner organizations, the priority areas were identified. The following research priority directions have been determined by the university.

1. Traumatology-orthopaedics

2. Cardiology

3. Rare diseases

4. Molecular biology and genetics

5. Rehabilitation and sports medicine

6. Resort-balneology

7. Healthcare management

Rapid technological progress, the increase in the average life expectancy of a person and most importantly the post-Covid period in the world once again clearly show us the need for the development of new scientific research. The university has its own high-tech university clinic on the property, where research and evidence-based approaches and methods are successfully used, as well as international clinical trials. Based on the fact that the university's scientific-pedagogical staff is employed in the same clinic and the strengths of the clinic are traumatology-orthopedics and cardiology, these directions were defined as the scientific priority of the university.

On the basis of the memorandum signed with the Association of Rare Diseases of Georgia, scientific research on rare diseases will be carried out, where both academic and invited staff, as well as students, will be actively involved.

The direction of rehabilitation and sports medicine is developed on the basis of the university. Based on the memorandum signed with the Academy of Sports Medicine and Science, a joint scientific project was planned.

"Tbilisi Balneological Resort", which is the only scientific base in the field, where all scientific works in the field are collected, requires systematization and conducting meta-analysis type studies. It is in this direction that it was planned to conduct research at the university, the supporting organization of which is the Agency for Development of Resorts of Georgia.

Health care management is another priority of the university's scientific research due to the fact that the university is closely connected with Aladashvili clinic, balneological resort and "Geospital" network. The introduction of new technologies (including artificial intelligence and machine learning) in healthcare management and security is a modern trend around the world, and the university can conduct useful research in this direction.