

Review of the Educational and Professional Program
"Sports Dietetics"
For Master of Science in Biology and Biochemistry
in National University of Ukraine on Physical Education and Sport

As a scholar in the field of Biology and Biochemistry, I have thoroughly examined the Master's Program in Sports Dietetics offered by the National University of Ukraine on Physical Education and Sport (NUUPES). This program is a comprehensive, interdisciplinary, and research-driven curriculum designed to equip students with the theoretical knowledge and practical skills necessary for advanced research and professional practice in sports nutrition.

The program's curriculum demonstrates a strong scientific foundation by integrating essential components of biological sciences, biochemistry, human physiology, and sports medicine. The inclusion of specialized courses such as Nutritional Science, Sports Dietetics, Nutrigenomics, and Biochemistry of Nutrition ensures that students develop expertise in understanding the biochemical and physiological mechanisms underlying nutrition and athletic performance. Moreover, the program's alignment with international trends in sports nutrition education enhances its competitiveness and global relevance.

A key strength of this program is its emphasis on scientific research. The inclusion of Modern Trends in Biology, Information Technologies in Scientific Activities, and Scientific and Research Apprenticeship equips students with advanced research methodologies, data analysis techniques, and critical thinking skills. This approach fosters innovation in dietary strategies, sports performance optimization, and health promotion, making graduates well-prepared for academic and professional careers. The program effectively integrates theoretical knowledge with practical application, offering scientific and pedagogical apprenticeships, laboratory-based learning, and industry collaborations. These components ensure that graduates acquire hands-on experience in nutritional assessment, dietary planning, and sports dietetics interventions, meeting the demands of professional practice in elite sports, fitness, and health institutions. Furthermore, the program's structure aligns with global accreditation standards, increasing employability in both academia and the private sector. The Sports Dietetics program at NUUPES is one of the first of its kind in Ukraine, addressing the growing scientific and practical demand for specialized expertise in sports nutrition. The program's benchmarking against international academic standards (such as those from universities in the United States, United Kingdom, and Spain) enhances its quality, credibility, and international recognition. Additionally, its integration of molecular genetics, nutritional biochemistry, and applied dietetics places it at the forefront of contemporary sports nutrition education.

The Master's Program in Sports Dietetics at the National University of Ukraine on Physical Education and Sport (NUUPES) offers a comprehensive curriculum that integrates biological sciences, biochemistry, human physiology, and sports medicine. This interdisciplinary approach is designed to equip students with both theoretical knowledge and practical skills necessary for advanced research and professional practice in sports nutrition.

The Master's Program in Sports Dietetics at NUUPES is a highly structured, academically rigorous, and professionally relevant program that successfully prepares students for careers in sports nutrition, academic research, and health sciences. Its strong scientific foundation, interdisciplinary approach, and practical training make it a valuable addition to the field of sports and health sciences. To further enhance the program's impact, I would recommend:

- Expanding international collaborations for joint research projects and exchange programs.

- Strengthening technological integration in data analytics for personalized sports nutrition.
- Enhancing industry partnerships to facilitate internships and employment opportunities.

Overall, this program exemplifies excellence in sports nutrition education and holds significant potential for shaping the next generation of professionals in the field. The NUUPES Master's Program in Sports Dietetics aligns well with global standards, offering a robust and interdisciplinary curriculum that prepares students for advanced roles in sports nutrition. Its unique focus areas and regional significance further enhance its standing among comparable international programs.

Prof. Dr. Habil. of Biomedical sciences Kazys Milašius
Vytautas Magnus University Education Academy

Milašius

Vytauto Didžiojo universiteto
Švietimo akademijos
kanclerio pavaduotojas
dr. Mindaugas Nefas

