

Achievements of the cluster of the educational programmes Sports Training Technologies (49.03.01 Physical Education) and Technologies of Physical Education and Sports Improvement (49.04.01 Physical Education)

Quality of the implementation of the educational programmes

The educational programmes are aimed at training physical education and sports personnel to work in the field of physical education and sports taking into account modern requirements of the state and society.

The quality of tuition within the cluster of educational programmes is controlled at the level of the Department of Theoretical Foundations and Technologies of Physical Education and Sports Activities, the Faculty of Physical Education, the University and is confirmed by the results of external assessment by employers, expert councils for specialized competitions and Olympiads. From 2020 to 2024, students and alumni of the educational programmes became winners of the regional stage of the All-Russian competition Teacher of the Year of Russia-2023 (2 people), Deaflympic Games (1 person), World Championships (1 person), European Championships and Cups (2 people), international competitions (8 people), all-Russian competitions (35 people), regional competitions (62 people).

One of the tools for monitoring the quality of educational technologies and resources used, as well as the professional competencies of the teaching staff, is the Curriculum and Instruction Committee of the Faculty of Physical Education. The faculty annually monitors students' residual knowledge in specialized courses and surveys students' satisfaction with the educational process, which helps maintain the high quality of educational programmes.

Based on feedback from final-year students of the educational programmes, 84% of Bachelor's and 77% of Master's students are satisfied with the choice of educational programmes. 90% of Bachelor's and 92% of Master's students note satisfaction with the quality of support materials, their availability in electronic format and the possibility of organizing internships at partner organizations.

Interaction with employers ensures the quality of educational programmes. The effectiveness of such forms of work as monitoring the quality of tuition; reviewing the educational programmes; coordinating the topics of Bachelor's and Master's for completion at the request of an enterprise/organization was noted. Prospective employers are interested in work aimed at studying modern methods and technologies of training (including psychological, tactical, technical and physical) in the chosen sport, the development of physical qualities in various age groups of athletes, as well as in the field of development of mass sports. Along with this, the areas of modern reality, analysis of the possibilities of neural networks in the professional activities of a coach-teacher, methods of physical education in children and youth based on the use of non-traditional means and sports equipment are developing intensively.

Student centered educational programmes

The educational programmes in study fields 49.03.01, 49.04.01 Physical Education are developed taking into account the needs of various groups of students and provide the opportunity for students to obtain additional qualifications. Since September 2024, Bachelor's students can obtain a certificate of the profession Fitness Trainer while mastering the main study programme.

During the year, students take part in more than 50 different sports events within the framework of the TSU Sports Competition, regional, all-Russian and international competitions, demonstrating high sporting achievements.

Mentoring system allows for taking into account students' individual characteristics. The developed personality-oriented educational environment gives students the opportunity to demonstrate their intellectual abilities and creative potential through participation in competitions and scientific and applied conferences. Students present their research results in the

form of presentations (18 presentations in 2024) and publications (25 publications in 2024) in scientific journals and conference proceedings at various levels.

Students have the opportunity to choose the places for their internship such as the children sanatorium "Vita" in Anapa; the All-Russian children center "Orlyonok" in Tuapse district; the Sports School of the Olympic Reserve "Lider" in Seversk; Altay Sports School for Children and Youth; Verkh-Chebulinskaya School in Kemerovo region-Kuzbass; the professional rugby club "Olimp" in Taldykorgan, Kazakhstan; secondary school named after Nurmoldy Aldabergenov, Hero of Socialist Labor, Zhetsu, Kazakhstan; Qixiang table tennis club, Jinan, Shandong province, China; Mengdong sports club, Chongqing, China; Secondary school 8, Xiaoyi, Shanxi province, China, etc.

About 70% of Bachelor's students and 30% of Master's students are involved in the implementation of grants at the Faculty of Physical Education, as well as in the work process in specialized organizations during their studies.

Tomsk State University provides financial support for students' participation in mobility programs. In 2024, 5 students of the Faculty of Physical Education received funding for participation in international conferences/forums/Olympiads.

Demand for alumni

The demand for alumni is confirmed by their successful employment immediately after graduation. In 2020-2024, more than 70% of alumni of Bachelor's and Master's programmes were employed in their major.

Alumni are hired by organizations from various regions of Russia, near and far abroad (Russian Fitness Corporation Worldclass (Moscow), Sports School of Olympic Reserve 1 (Tomsk), Center for Sports Infrastructure Development (Irkutsk), Figure Skating School for Amateurs "Silver Skates" (Karaganda, Kazakhstan), Federal State-Funded Institution "Center for Sports Training of Russian National Teams" (Moscow), New Zealand School Jakarta (Jakarta, Indonesia), Dalian Polytechnic University (Dalian, Liaoning Province, China).

A survey of representatives of companies where alumni of the cluster of educational programmes are employed shows that over 90% of employers are satisfied with the alumni's qualifications and are ready to hire them in the future. 100% of employers are satisfied with the ability of Master's degree students to design and implement programmes in the field of physical education and sports. The alumni's strengths include the ability to solve professional tasks and the ability to use information technology (75% of Bachelor's degree holders and 100% of Master's degree holders).

Competence and research activity of teaching staff

Educational programs are implemented by highly qualified academic faculty and representatives of the academic and professional community. 61% of the teaching staff implementing the Bachelor's programme and 81.7% of the teaching staff implementing the Master's programme have academic degrees. 13.23% of the teaching staff implementing the Bachelor's programme and 10.09% of the teaching staff implementing the Master's programme are head and (or) employees of other organizations. 100% of the teaching staff have done advanced training courses over the last 4 years.

The teaching staff include masters of sports, sports judges of Russian and international categories, laureates of prestigious competitions and awards. From 2020 to 2024, the employees of the Faculty of Physical Education won two grants for a total of 30 million rubles. 143 articles were published in scientific periodicals indexed in the RSCI, Scopus and Web of Science databases. Employees took part in 27 international practical conferences. The accumulated results and achievements were introduced into the educational process.

International cooperation

The Faculty of Physical Education cooperates in the field of research, exchange of experience (lecturing, teaching courses, internships) with such foreign universities and educational institutions as Mogilev State A. Kuleshov University (Republic of Belarus), Brest State University named after A.S. Pushkin (Republic of Belarus), Anshan Normal University

(China), Shenyang Normal University (China), Longgang Senior Secondary School, Wenzhou City, Zhejiang Province (China),

The teaching staff of the educational programmes of the cluster participate in the academic mobility program (in 2020-2024, they took part in 19 international events), provide scientific supervision to students from Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, Vietnam, China, Syria, the Republic of Belarus, Iran and Algeria.