

**2022–2024 STRATEGIC PLAN
OF THE FACULTY OF PHYSICS OF VILNIUS UNIVERSITY**

The strategic plan of the Faculty of Physics was based on VU values, VU strategic directions, and long-term goals presented in Vilnius university's Strategic Plan for 2021-2025.

VU VALUES

OPENNESS TO the diversity of ideas and views, to the diversity of people and identities.

The INTEGRITY of the university's goals, activities, and resources is based on the dignity and respectful cooperation of the individuals.

IMPROVEMENT by creating a stimulating environment, committing to improvement, improve and accepting those who want to improve to achieve exceptional value

LONG-TERM comes from a perspective of responsibility to the state and society, culture, and the environment

MISSION, VISION OF THE FACULTY OF PHYSICS

MISSION. To develop modern fundamental and applied research, to carry out physics studies on its basis, to gather the Lithuanian physics community, and to be guided by the values of openness, and encouragement to improve and respond to the state, society, culture, and the environment.

VISION. The leadership of modern high-level fundamental and applied science and physics studies based on it – together with the best research centers in Europe.

STRATEGIC DIRECTIONS AND LONG-TERM GOALS OF THE FACULTY OF PHYSICS

1. Building society and the state

1.1 High-quality, individualized and international studies

1.2 The highest level of fundamental and applied science

2. Cooperating

2.1. Cooperation with physics training institutions, social partners and businesses

2.2 Open to the public Faculty of Physics

3. Sustainable

3.1. Good working conditions – an engaged community

STRATEGIC PLAN OF THE FACULTY OF PHYSICS OF VILNIUS UNIVERSITY 2022–2024

STRATEGIC DIRECTIONS, LONG-TERM GOALS AND INDICATORS OF THEIR ACHIEVEMENT

1. BUILDING SOCIETY AND THE STATE

1.1. High-quality, individualized and international studies

1.1.1 The quality of studies that meets the needs of modern society (growing indicators of the quality and internationality of VU studies)

1.2. The highest level of fundamental and applied science

1.2.1 Assessment of the quality of scientific directions in comparative assessment – 5. (Priorities: increasing Q1, Q2 scientific papers – 10% in 5 years, overcoming the highest level of scientific infrastructure)

2. COOPERATING

2.1. Cooperation with physics training institutions, social partners and businesses

2.1.1 Participation of the Faculty of Physics in the training of teachers of physics and in the non-formal education of schoolchildren

2.1.2 Strengthened links with businesses and social partners

2.2. Open to the public Faculty of Physics

2.2.1 A significant increase in the scientific communication of the Faculty of Physics

3. SUSTAINABLE

3.1. Good working conditions – an engaged community

3.1.1 Increased work and study engagement rate compared to the 2020 assessment (in 2020, the engagement rate is average: the overall average engagement and assessment is 4.04; the overall average assessment of the ratio to the student is 3.87)

1. BUILDING SOCIETY AND THE STATE

1.1. High-quality, individualized and international studies

Achievements in 2021.

- admission to the new program of study in the field of physics "Physics" was started, which combined the programs of study of the former "Physics", "Applied Physics" and "Computer Physics and Modeling". Elective courses have also been combined, enabling students to shape their own more individualized studies;
- updated Solar Cell Electronics Laboratory.

Indicator of the strategic goal	Activities in 2022	Measurement of the fulfillment of activities	Responsible for the implementation of activities
1.1.1 The quality of studies that meets the needs of modern society (growing indicators of the quality and internationality of VU studies)	Improving training conditions in training laboratories	1-2 teaching laboratories were refurbished per year	Dean of the Faculty of Physics, Vice-Dean for Studies of the Faculty of Physics, responsible representatives of educational laboratories. Contributors: SPC Chairs
	Strengthening the ETT engineering degree study programme	SPC plan to recruit partnership tutors submitted to the Physics Faculty Council, new courses study grid agreed	Dean of the Faculty of Physics, Vice-Dean for Studies, Chairman of the ETT SPC, Director of IAET
	Preparation of a transformation plan for the master's degree studies of the Faculty of Physics	A working group was created, the plan was discussed and approved by the faculty council	Dean of the Faculty of Physics, Vice-Dean for Studies, Chairmen of the Master's Degree SPC's
	Internationalization of studies	A project of joint study activities with the University of Saint-Etienne (ARQUS Alliance) in the Light Technology Study Program has been prepared, the pilot implementation of the project (in the autumn semester) Projects of joint master's degree programs with	Vice-Dean for Studies, Faculty of Physics, Chairman of the Light Technology SPC Dean of the Faculty of Physics, Vice-Dean for

		<p>foreign partners were discussed and prepared at the Physics Faculty Council (with Saint-Etienne University - ARQUS Alliance; with Taiwanese partners)</p> <p>The procedure for promoting the quality of studies approved by the faculty council</p>	<p>Studies, Chairman of the SPC of Photonics and Nanotechnology</p> <p>Dean of the Faculty of Physics, Vice-Dean for Studies</p>
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1. BUILDING SOCIETY AND THE STATE

Achievements in 2021.

- The application of the project of the highest international level has been submitted – the application of the Laser Research Center prof. M. Malinauskas ERC COG2021. Two new H2020 projects (prof. G.Tamulaitis and prof. A.Kučinskas) and two COST programme projects were launched;
- In 2021, the Physics faculty laser research Center, together with partners of the Lithuanian Laser Association, became the founders of ELI international infrastructure;
- A joint scientific/training laboratory with Teltonika has been established.

1.2. The highest level of fundamental and applied science

Indicator of the strategic goal	Activities in 2022	Measurement of the fulfillment of activities	Responsible for the implementation of activities
1.2.1 Assessment of the quality of scientific directions in comparative assessment – 5 (Priorities: increasing number of scientific articles Q1, Q2 – 10% in 5 years, overcoming the highest level of scientific infrastructure)	Increasing the international recognition of science	One application for a science project of the highest international level submitted 1 application submitted to participate in an international infrastructure project The growing number of publications of faculty Q1 and Q2 (2% per annum); the faculty council approved the procedure for the promotion of scientific results, which promotes the preparation of scientific productions of the highest level (Q1,Q2)	Dean of the Faculty. Vice-Dean for General Affairs, Directors of Institutes, Heads of Scientific Panels
	Overcoming, creating and maintaining the scientific infrastructure of the Faculty of Physics, which ensures the needs of the future	CERN infrastructure development project prepared Joint application of the Faculty of Physics for the renewal of the scientific hardware base using funds from the EU Recovery and	Directors of institutes, managers and participants of infrastructure projects Vice-Dean for General Affairs of the Faculty, directors of institutes, managers of infrastructure projects

		Resilience Measures has been submitted	
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2. COOPERATING

Achievements in 2021.

- July 2021 an agreement was signed between the Faculty of Physics and the Šiauliai Academy on the activities of the School of Young Physicists "Fotonas" at the Faculty of Physics at the Faculty of Physics, the activities of The "Fotonas" were started;
- In the fall of 2021, a new reception of Photon schoolchildren took place (60 students were accepted), and assignments were prepared and sent;
- Technical documentation according to the Structural Funds project for the installation of a physics didactics cabinet has been prepared.

2.1. Cooperation with physics training institutions, social partners and businesses

Indicator of the strategic goal	Activities in 2022	Measurement of the fulfillment of activities	Responsible for the implementation of activities
2.1.1 Participation of the Faculty of Physics in the training of teachers of physics and in the non-formal education of schoolchildren	Development of the methodological base for teaching physics	An informal teacher training center of the Faculty of Physics was established Equipped with a methodical cabinet of physics didactics	Dean of the Faculty of Physics, Vice-Dean for Studies, Head of Faculty Studies, Faculty Representatives in Related Projects
	Participation of the Faculty of Physics in non-formal educational activities of schoolchildren	Determination of the status of the "Fotonas" school in the Faculty of Physics at the Physics faculty Council, discussion of vision and activities	Dean of the Faculty of Physics, head of the „Fotonas“ school
2.1.2 Strengthened links with businesses and social partners	Presentation of open access infrastructure and services	8 articles or equipment deliveries to potential business partners per year	Dean of the Faculty, Vice-Dean for General Affairs, Directors of institutes

2. COOPERATING

Achievements in 2021.

- A joint application of alumni of the Faculty of Physics and the Faculty of Physics to the Lithuanian National Cultural Center (2021-11-04 No. 120000-S-89) was prepared and submitted for recognition of the activity as an intangible asset. Activity - "The tradition of the FiDi (Physicist's Day) celebration of Vilnius University students"“.

2.2. Open to the public Faculty of Physics

Indicator of the strategic goal	Activities in 2022	Measurement of the fulfillment of activities	Responsible for the implementation of activities
<p>2.2.1 A significant increase in the scientific communication of the Faculty of Physics</p>	<p>Development of communication strategy of the Faculty of Physics</p> <p>Participation of employees of the Faculty of Physics in Lithuanian and international committees</p> <p>Publicity of the achievements of scientists of the Faculty of Physics</p>	<p>Developed a communication strategy plan for the faculty, presented at the Council of the Faculty of Physics</p> <p>Discussion of the expediency of participation of faculty representatives in committees at an open meeting of the Council of the Faculty of Physics, the decision of the council on membership fees was made</p> <p>A publication on the publicity of the annual achievements of scientists of the Faculty of Physics in English was prepared</p>	<p>Executors: Dean of the Faculty of Physics, Vice-Deans of the Faculty of Physics, Communication Specialist of the Faculty of Physics.</p> <p>Contributors: Directors of institutes of the Faculty of Physics, representatives of institutes for relations with the FF communication specialist</p> <p>Dean of the Faculty of Physics, faculty staff – representatives in committees</p> <p>Dean of the Faculty of Physics, Vice-Dean of General Affairs of the Faculty of Physics, Communication Specialist of the Faculty of Physics, representatives of institutes for relations with the communication specialist of the Faculty of Physics</p>

		The procedure for the promotion of expert activities, scientific and study communication carried out on behalf of the University, approved by the Council of the Faculty of Physics	Dean of the Faculty of Physics, Vice-Deans of the Faculty of Physics
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3. SUSTAINABLE

Achievements in 2021.

- Ventilation and climate control installed at the expense of the faculty in 201 aud. (Sunrise Ave. 9).
- In 2020, the engagement rate at the university level is average: the overall average of engagement and assessment is 4.04, the overall average assessment of the ratio to the student is 3.87.

3.1. Good working conditions – an engaged community

Indicator of the strategic goal	Activities in 2022	Measurement of the fulfillment of activities	Responsible for the implementation of activities
3.1.1 Increased work and study engagement rate compared to 2020 estimate	Promotion and sponsorship of student initiatives through events in the community, popularization of science or student representation	Support for student activities (OpenReadings conference, FiDi, etc.). The results of the activities were presented in the dean's report	Executors: Dean of the Faculty of Physics, Vice-Deans of the Faculty of Physics, Directors of Institutes of the Faculty of Physics
	Improving working and study conditions	Improved working and study conditions in the premises of the Faculty of Physics Saulėtekio av. 9 The accessibility project of the premises of the Faculty of Physics was initiated	Dean of the Faculty of Physics, Vice-Deans of the Faculty of Physics