



**SAMARKAND STATE UNIVERSITY NAMED AFTER SHAROF RASHIDOV
(SAMDU)**

**SUSTAINABLE DEVELOPMENT GOAL 02
(SDG 2)**



Sustainable Development Goal 2 (SDG 2) aims to eliminate hunger in all its forms and ensure year-round access to safe, nutritious, and sufficient food for everyone, particularly for vulnerable groups, including low-income populations and young children. This goal underscores the importance of universal access to nutritious food. Addressing this pressing humanitarian challenge demands swift action and collective global efforts to counter the escalating rates of hunger and food insecurity, driven by a complex set of interrelated factors.

The United Nations has partnered with the Republic of Uzbekistan to advance sustainable development goals, with Uzbekistan affirming its commitment to achieving the Global Agenda by 2030.

Samarkand State University, named after Sharof Rashidov, shares in this mission by striving to eradicate hunger in all its forms. Through initiatives aimed at providing nutritious food and support

for vulnerable populations, the university actively contributes to implementing sustainable development goals.

Metrics

2.2.1 - Does your university as a body measure the amount of food waste generated from food served within the university? If food provision is outsourced this will include requiring this data to be tracked.

The aim of Samarkand State University named after Sharof Rashidov is to monitor the food procurement, production, distribution, and outsourcing processes for its campus canteens. We gather data on food and its nutritional content for this reason. Senior university administrators oversee the tracking procedure and gather and assess data regarding sustainable food practices at the university and its canteens.

We classify our waste into different categories like organic, inorganic, and toxic waste for further processes including reuse, down-cycled, and upcycled.

Organic Waste

Type of waste	Amount (ton)				
	Total	Reduced	Reused	Down-cycled	Up-cycled
organic	242	64	57	12	27
- food waste	90	32	30	5	17
- leaf, etc.	112	25	20	5	8
- etc	40	7	6	2	2

2.3.1 - Does your university as a body have a programme in place on student food insecurity/hunger?

The Republic of Uzbekistan, located in an arid climatic zone, faces significant challenges in ensuring food security. Many areas, such as Bukhara, are increasingly affected by desertification, complicating the accessibility and affordability of nutritious food. Food insecurity is understood as the lack of access to sufficient, nutrient-rich food to sustain a healthy lifestyle. To address this, Samarkand State University focuses on key areas: food supply, accessibility, consumption, and stability. Our food insecurity is based on the following.

1. Physical Hunger
2. Lack of nutritious food
3. Food deserts
4. Irregular meals
5. Impact of academic success

Therefore, the university focuses on few solutions to combat food insecurity across the university.

1. We ensure the supply of nutritious and fresh food at our canteens.
2. The food is available at a highly subsidized rate.
3. All canteen vendors abide by university policy and are responsible for providing fresh food at a subsidized cost.
4. The subsidized nutritious food is available for all stakeholders.
5. The quality team (Headed by Mr. Bobokandov Fazliddin) monitors, tracks, and evaluates the contracts of local farmers to ensure the supply of fresh and healthy deliveries.

These programs aim to remove barriers to academic success caused by food insecurity and may also include educational workshops on budgeting, nutrition, and cooking.

One more step is taken to address the challenges of food insecurity by increasing the scholarships, salaries and other stipends to support the stakeholders.

<https://lex.uz/uz/docs/-6417184>

2.3.2 - Does your university as a body provide interventions to prevent or alleviate hunger among students and staff? (e.g. including supply and access to food banks/pantries)

All indigent students and employees at Samarkand State University are given access to food security. If necessary, at any time, using a predetermined procedure. The university has assigned numerous tutors, or Group Leaders, to assess students' financial situations. Students who require assistance go to the university administration to obtain the help.

The process is as follows:

1. Search
2. Assessment
3. Application
4. Funds

The university has established a comprehensive infrastructure to provide ongoing support to students in need and other stakeholders. With over 50 specialized groups dedicated to assessing and addressing student needs, these organizations assist students in securing part-time employment on campus. More than 1,000 students work as assistants in various departments and administrative divisions, helping them earn a living. For their part-time work, the university compensates them adequately, enabling them to afford nutritious food.

2.3.3 - Does your university as a body provide sustainable food choices for all on campus, including vegetarian and vegan food?

We are determined to cater to a range of dietary preferences, including vegetarian and vegan cuisine. We offer tasty, wholesome, and freshly prepared cuisine at our canteen.

In addition to producing a wide range of dishes, the canteen also prepares and serves seasonally appropriate food that promotes health and nutrition in diners. The canteen is a common place to eat, it means we take it as an advantage to serve our food to different kinds of eaters. We take care all eaters including vegetarians and vegans.

In keeping with the university's strategic goal and ambition to promote a greater plant-based diet across the board in the canteen to help mitigate climate change and promote sustainable development. For the canteens, canteen runners gather vegan and vegetarian options such as cauliflower, cabbage, soybeans, dry fruits, milk yogurt, sunflower oil, soy milk, and various fruits and vegetables.



2.3.4 - Does your university as a body provide healthy and affordable food choices for all on campus?

In Uzbekistan, a developing nation, a sizable portion of the populace is hardly able to purchase nutritious and fresh food for a day. We therefore remember that all university personnel, including instructors, students, and staff, have access to reasonably priced, wholesome food.

A person needs a range of nutrients, including carbohydrates, protein, minerals, and vitamins, to stay healthy, and these are all served in the canteens. University Canteens offers a variety of healthful food options, such as palov, manti, kavob, chuchvara, xalisa, sumalak, mastava, kichiri, and somsa, along with a selection of beverages such as cooked tea, black tea, and coffee.



For example, Palov is made by using rice, carrots, potatoes, meat, lemon, spices and sunflower oil etc. It indicates that food contains a blend of necessary nutritional requirements. These meals are provided at subsidized prices in university canteens that are not competitive with the market. Therefore, Samarkand State University provides healthy and affordable choices at its canteens.

2.3.5 - Does your university as a body provide interventions to prevent or alleviate hunger among staff? (e.g. including supply and access to food banks/pantries)

The Samarkand State University recognized well the well-being of its employees. Therefore, we also address the food insecurity among staff, not just students. The food insecurity among staff is slightly different that students. Staff needs healthy and fresh food at affordable prices. It follows the following:

1. **Food Pantries:** The canteen and café at university are accessible to all staff members, allowing them to obtain food anytime.
2. **Nutrition Programs:** The university offers some training and guidance on healthy and nutritive diets which help them to make informed decisions.
3. **Subsidized Food:** The Canteens and Café provide food and other items at a subsidized rate to all employees.
4. **Awareness Campaigns:** Systematic and optimum efforts are being made to raise awareness about food insecurity and available resources. It provides a sense of security among staff.



2.5.1 - Does your university as a body provide access on food security and sustainable agriculture and aquaculture knowledge, skills or technology to local farmers and food producers?

Samarkand State University is committed to providing the necessary support for the city of Samarkand and its surrounding areas to achieve sustainable food production. To this end, the Faculty of Agro-Biotechnology is equipping local farmers with the resources, tools, and knowledge needed for sustainable crop cultivation.

2.5.1 Information and documentation of agreements with local farmers or food producers to share knowledge related to agriculture and food security.

The professors and teachers of the department have reached relevant agreements on the exchange of knowledge related to the following farms and food producers:

1. "Novabad breeding poultry" f/x in Samarkand district (chairman Haydar Orokov)
2. Jomboy fruit and vegetable seed farm LLC (director B. Nazarov)
3. Jomboy district "Ulug'-Baraka lands" f/x (chairman F. Rustamov)
4. Jomboy district Mardiev Rustam Agro-business f/x (chairman D. Mardiev)
4. Jomboy district Doston Agro VEG f/x (chairman R. Fayzullaev)
5. Tailok district "Boghizogan" elite seed farm LLC (chairman A. Islamov)
6. Tailoq district "Tailoq fruit and vegetable" elite seed farm LLC (director M. Joraev)
7. Tailoq district "Yangi Hayot" elite seed farm LLC (director S. Suyunov)
8. Taylaq district "Elbek Shukrona" f/x (chairman Sh. Jabborov)
9. Bulungur district Bahar f/x (chairman S. Khalilov)
10. Sayidbek Mamirov f/x of Payarik district (chairman I. Shermatov)
11. Romitan District Council of Farmers, Farmers and Homestead Land Owners (Chairman I. Berdiev)
12. "Nurafshon Aziz Sakhavati" f/x of Akdarya district of Samarkand region (chairman J. Buzrukov)
13. Jizzakh region Yangiabad QFY "Yangiabad juices" f/x (chairman Z. Dosaev)
14. "Olmosvan Garden" f/x, Gallaorol district, Jizzakh region (chairman J. Asadov)
15. "Shirin Niyat Baraka" LLC, Karshi district, Kashkadarya region (chairman G. Gurbanov)
16. "Tolqin Saidmurad Naiman" f/x, Tailaq district, Samarkand region (chairman K. Roziboev)
17. "Otabek black grapes" f/x, Ishtikhan district, Samarkand region (chairman N. Mardonov)
18. "Kabin Shakhnoz Mirishkor" LLC, Pstdargom district, Samarkand region (chairman D. Shomurodov)
19. Bulung'ur massif, Bulung'ur district, Samarkand region "Yangiariq greenhouse" LLC (chairman D. Karimov).

Dean of the Faculty of Agrobiotechnology  Prof. T. Rajabov

2.5.2 - Does your university as a body provide events for local farmers and food producers to connect and transfer knowledge?

The Faculty of Biology, the Institute of Agrobiotechnology, and the Faculty of Bio-chemistry at Samarkand State University, named after Sharof Rashidov, work closely with local farmers to provide access to advanced knowledge and tools for more sustainable and productive farming. Our experts offer on-site training and guidance on various issues, including fertilizer use, field preparation, and crop disease management.

Our experts deliver on-site training and guidance on a range of issues, including fertilizer application, field preparation for planting, and crop disease management.



Our scientists and experts also support local farmers and producers in selecting new, innovative harvesting equipment. They actively participate in exhibitions showcasing farming tools and other essential items.





2.5.3 - Does your university as a body provide access to university facilities (e.g. labs, technology, plant stocks) to local farmers and food producers to improve sustainable farming practices?

Samarkand State University named after Sharof Rashidov offers access to our laboratories and training events. To support this, we provide a range of opportunities for collaborating with university experts to refine agricultural practices sustainably. Access is provided through the following methods.

- Events Passes
- Training and workshops
- Exhibitions
- Contracts for specific needs
- Conservation methods
- Management of farms
- Precision agriculture

We also offer them to provide their own ideas for solving many problems related to irrigation, salinity, and desertification. The university and its associated departments procure their needs from local farmers and producers.

**Sayidbek Maminov studied at Samarkand State University named after Sharof Rashidov
with his farm
formed between undergraduates**

CONTRACT NO

Samarkand sh.

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2022 _

Syedbek Maminov Farm , operating under the Charter, hereinafter referred to as "Executive", between the head of the organization, Shermatov Isomiddin, on the one hand, Samarkand State University operating under the Charter, hereinafter referred to as "Buyurtmachi", the Rector of the University RIKhalmuradov and the son of Karshiyev Jurabek Dilshod, graduate student of Agrochemistry 70810702 and hereinafter referred to as "Student" and later as "Parties", the following contract was concluded:

1. SUBJECT OF CONTRACT

1.1. This Agreement is based on the Law of the Republic of Uzbekistan "On Development", " Regulation ⁷ on the Procedure for Internship by Students of Master's Degrees of Higher Education Institutions in the Executive Organization by Students of Master's Degrees of the Customer internship-determines the procedure of internship.

1.2. During the internship period, the relevant labor protection rules and internal labor procedure rules of the executive organization, as well as other documents in force in the receiving organization, are applied to the master's student who is doing the internship.

1.3. In order to ensure the transparency of the knowledge acquired by the master's student during the internship and to confirm it, the Executive will issue a certificate upon completion of the internship.

2.5.4 - Does your university as a body prioritise purchase of products from local, sustainable sources?

Samarkand State University runs on-campus canteens that source goods from nearby farms to serve the student community, prioritizing purchases from sustainable sources. Local farmers typically sell their produce in nearby markets, with Samarkand hosting numerous markets that offer fresh, nutrient-rich, locally grown food. One of these, the renowned Siyob Bazar, is an international attraction, where visitors can find fresh produce, fruits, dried fruits, and other food items sourced from local farmers and agricultural producers.

Another local market for supplying fresh and healthy fruits, spices, vegetables, dried nuts, and other dairy products is the Yangi Bozor.





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