POLICY

on Sustainability Education and Curriculum Integration Navoi State University of Mining and Technologies

Policy Statement

Navoi State University of Mining and Technologies is committed to integrating sustainability principles into its educational programs, academic curricula, research activities, and institutional development strategies. The University recognizes that education plays a vital role in promoting sustainable development, environmental responsibility, social well-being, and economic resilience.

The University shall continuously strengthen sustainability education by expanding the number of sustainability-related courses, supporting interdisciplinary learning, and preparing students with the knowledge and competencies necessary to address local and global sustainability challenges.

Purpose

The purpose of this policy is to:

- Integrate sustainability concepts into undergraduate and graduate education;
- Increase the number of courses and subjects related to sustainability;
- Promote interdisciplinary teaching and research on sustainable development;
- Support innovation and strategic thinking related to environmental, social, and economic sustainability;
- Prepare graduates to contribute responsibly to sustainable industrial, technological, and societal development;
- Align university education with international sustainability standards and GreenMetric indicators.

Scope

This policy applies to all academic departments, faculties, educational programs, research institutes, academic staff, students, and administrative units of the University.

Policy Objectives

The University shall pursue the following objectives:

1. Increase the availability of sustainability-related courses and academic programs;
2. Integrate sustainability topics into teaching, learning, and research activities;
3. Promote interdisciplinary and practice-oriented sustainability education;

4. Support the establishment of new departments and programs focused on sustainable development and strategic management;
5. Encourage collaboration with national and international experts in sustainability-related fields;
6. Enhance student awareness and competencies in environmental protection, sustainable industry, responsible resource management, and strategic development.

Sustainability Education Measures

Sustainability-Related Courses

The University shall continuously expand the number of sustainability-related subjects offered at undergraduate and graduate levels.

During the 2024/2025 academic year:

- The University offers **125 sustainability-related subjects**;
- Sustainability-related subjects account for approximately **23%** of the total courses offered.

These subjects cover areas such as:

- Environmental sustainability;
- Sustainable mining and industrial technologies;
- Renewable energy;
- Waste management and recycling;
- Water and resource management;
- Sustainable economic and corporate development;
- Logistics and strategic planning;
- Climate change and environmental protection.

Curriculum Development

- Sustainability principles shall be integrated into academic curricula across multiple disciplines;
- Departments shall periodically review and update study programs to incorporate current sustainability challenges and innovative solutions;
- Academic programs shall encourage critical thinking, innovation, and responsible decision-making related to sustainable development.

Establishment of New Academic Programs

The University supports the creation of new departments and programs that contribute to sustainability education.

In 2024, the University established the **Regional and Corporate Strategies Department** in cooperation with renowned scholar Vladimir Kvint. The department offers undergraduate and graduate educational programs including:

- Logistics;
- State and Corporate Strategies.

These programs contribute to sustainable regional development, strategic resource management, and long-term economic sustainability.

Research and Innovation

- The University shall encourage sustainability-oriented scientific research and innovation activities;
- Academic staff and students shall be supported in conducting interdisciplinary research addressing environmental, technological, industrial, and social sustainability issues;
- Partnerships with research institutions, industries, and international organizations shall be promoted to strengthen sustainability education and applied research.

Student Engagement and Awareness

The University shall organize:

- Sustainability seminars and workshops;
- Scientific conferences and competitions;
- Environmental awareness campaigns;
- Student-led sustainability projects and initiatives.

Responsibilities

University Administration

- Provide institutional support for sustainability education initiatives;
- Allocate resources for curriculum development and sustainability research;
- Promote international cooperation and academic partnerships.

Academic Departments and Faculties

- Develop and implement sustainability-related courses and programs;
- Integrate sustainability concepts into teaching and research activities;
- Periodically evaluate curriculum relevance and effectiveness.

Academic Staff

- Promote sustainability principles through teaching, mentoring, and research;
- Encourage students to participate in sustainability-related projects and activities.

Students

- Participate actively in sustainability-related learning and research opportunities;
- Contribute to the development of a sustainable university culture and community.

Monitoring and Evaluation

The University shall periodically assess:

- The number and quality of sustainability-related courses;

- Student participation in sustainability education;
- Research outputs related to sustainable development;
- The effectiveness of curriculum integration and interdisciplinary cooperation.

Implementation and Review

This policy shall be implemented throughout all academic and research units of the University and reviewed periodically to ensure alignment with evolving sustainability priorities, educational standards, and Greenmetric requirements.

The University reserves the right to revise this policy to strengthen sustainability education and institutional performance.

Effective Date

This policy shall become effective upon approval by the University Administration and shall remain valid until revised or replaced.

Dr. Bakhtiyor MARDONOV, prof.
Rector of the University