



UZBEKISTAN STATE WORLD LANGUAGES UNIVERSITY

DIGITAL TRANSFORMATION, ARTIFICIAL INTELLIGENCE, SMART CAMPUS AND DIGITAL GOVERNANCE POLICY

2025–2030

SECTION 1. PURPOSE

Uzbekistan State World Languages University (UzSWLU) recognises digital transformation as a strategic driver of educational excellence, institutional governance, operational efficiency, research innovation, and sustainable campus development. The University is committed to deploying advanced digital technologies, including Artificial Intelligence (AI), the Internet of Things (IoT), enterprise information systems, learning management systems, and data-driven decision-support tools in a responsible, transparent, secure, and ethical manner.

The purpose of this Policy is to establish a comprehensive institutional framework governing the planning, implementation, monitoring, evaluation, and continuous improvement of advanced digital technologies across all University activities. The Policy aims to ensure that digital technologies enhance teaching and learning, strengthen research capacity, improve institutional management, optimise resource utilisation, and support the University's commitment to environmental sustainability and the Sustainable Development Goals (SDGs).

This Policy also establishes institutional principles for digital governance, responsible AI, cybersecurity, data governance, digital ethics, and Smart Campus development while ensuring compliance with applicable legislation and international best practices.

SECTION 2. SCOPE

This Policy applies to all organisational units, campuses, academic and administrative activities, digital systems, and members of the University community at Uzbekistan State World Languages University (UzSWLU). It establishes the institutional framework governing the planning, deployment, operation, monitoring, evaluation, and continuous improvement of advanced digital technologies throughout the University.

The provisions of this Policy are mandatory for all University activities involving the acquisition, development, implementation, operation, management, or use of Artificial Intelligence (AI), Internet of Things (IoT), digital information systems, cloud computing services, enterprise software, learning technologies, smart infrastructure, and other emerging digital technologies.

The Policy applies equally to all University campuses, academic faculties, research centres, institutes, administrative departments, service units, laboratories, libraries, student residences, and affiliated educational facilities operated by the University.

2.1 Persons Covered by this Policy

This Policy is binding upon:

- Members of the University Council and the Rectorate;
- Vice-Rectors, Deans, Directors, Heads of Departments, and Programme Coordinators;
- Academic staff, researchers, visiting professors, and adjunct lecturers;
- Administrative, financial, technical, ICT, and support personnel;
- Undergraduate, Master's, doctoral, and international students;
- Visiting researchers, interns, exchange participants, and volunteers;
- Contractors, consultants, service providers, technology vendors, and external organisations that develop, maintain, or access University digital infrastructure.

All individuals and organisations covered by this Policy are expected to comply with its principles whenever they access, process, manage, or utilise University digital resources or institutional data.

2.2 Technologies Covered

This Policy governs the responsible use of all advanced digital technologies implemented by UzSWLU, including but not limited to:

- Artificial Intelligence (AI) applications;
- Machine Learning and predictive analytics;
- Internet of Things (IoT) devices and smart sensors;
- Building Management Systems (BMS);
- Smart energy, water, waste, and transport management systems;
- Enterprise Resource Planning (ERP) systems;
- Learning Management Systems (LMS), including E-IJRO;
- Student Information Systems;
- Human Resource Management Systems;
- Financial and procurement information systems;
- Research management platforms;
- Digital library services and institutional repositories;

- Cloud computing platforms;
- Mobile applications and digital communication tools;
- Business intelligence dashboards;
- Green Data Portal and sustainability monitoring platforms;
- Decision-support systems based on digital analytics.

The Policy also applies to artificial intelligence functionalities embedded within third-party software platforms, productivity tools, cloud services, and enterprise applications used by the University.

2.3 Institutional Activities Covered

The requirements of this Policy apply to all University functions where digital technologies are used, including:

- teaching, learning, and assessment;
- scientific research and innovation;
- curriculum development;
- digital examinations and academic administration;
- student services and support;
- admissions and enrolment management;
- human resource management;
- financial management and procurement;
- library and information services;
- quality assurance and institutional accreditation;
- international cooperation and mobility;
- sustainability management and Green Campus operations;
- environmental monitoring and reporting;
- strategic planning and institutional governance;
- community engagement and public communication.

2.4 Sustainability Integration

Digital transformation at UzSWLU is inseparable from the University's sustainability strategy. Advanced digital technologies shall therefore be implemented not only to improve institutional efficiency but also to support environmental protection, responsible resource management, and evidence-based sustainability governance.

Accordingly, this Policy applies to all digital platforms supporting:

- renewable energy monitoring;
- carbon footprint assessment;
- water management;
- waste management and circular economy initiatives;
- sustainable transportation systems;

- biodiversity monitoring;
- GreenMetric reporting;
- Sustainable Development Goal (SDG) monitoring;
- climate action planning;
- environmental performance indicators.

Digital technologies shall be used to enhance institutional transparency, improve environmental decision-making, and facilitate continuous monitoring of sustainability performance across all University campuses.

2.5 Exclusions

This Policy does not replace or supersede existing University regulations governing academic integrity, personal data protection, cybersecurity, information security, procurement, financial management, or intellectual property. Instead, it complements these regulations by providing an overarching governance framework for the responsible use of advanced digital technologies.

Where inconsistencies arise between this Policy and mandatory national legislation, the provisions of applicable laws and government regulations shall prevail.

2.6 Continuous Application

This Policy shall apply throughout the entire lifecycle of digital technologies, including:

- strategic planning;
- procurement and acquisition;
- system design and development;
- implementation and deployment;
- operational management;
- maintenance and upgrades;
- monitoring and performance evaluation;
- risk assessment;
- data management;
- decommissioning and secure disposal of digital systems.

All University units shall integrate the principles of this Policy into their operational procedures and strategic planning to ensure that digital transformation contributes to institutional excellence, responsible governance, and sustainable development.

SECTION 3. POLICY OBJECTIVES

The University shall utilise advanced digital technologies to achieve the following strategic objectives:

3.1 Academic Excellence

Digital technologies shall enhance teaching quality, learning outcomes, curriculum innovation, language education, assessment, and lifelong learning opportunities.

3.2 Research Excellence

AI-assisted research, digital laboratories, institutional repositories, bibliometric systems, and research analytics shall strengthen scientific productivity and international collaboration.

3.3 Sustainable Campus Management

Digital platforms shall support real-time monitoring of energy consumption, renewable energy generation, water resources, waste management, transportation systems, biodiversity conservation, and greenhouse gas emissions.

3.4 Evidence-Based Decision Making

University management shall utilise verified digital information, predictive analytics, institutional dashboards, and performance indicators to support strategic planning and continuous improvement.

3.5 Digital Service Delivery

Digital technologies shall improve accessibility, transparency, efficiency, and quality of administrative and academic services delivered to students, staff, and external stakeholders.