



University :UzSWLU
Country :Uzbekistan
Web Address :<https://www.uzswlu.uz/en>

[5] Transportation (TR)

5.12–5.13 (TR.5) — Ratio of Ground Parking Area to Total Campus Area

The Uzbekistan State World Languages University (UzSWLU) has adopted a sustainable and compact campus design philosophy that minimizes land allocated for vehicle parking while maximizing green infrastructure and pedestrian-friendly spaces. This approach is guided by the University's Smart and Green Campus Master Plan (2023–2030) and the Sustainable Infrastructure Policy (Order No. 21/2024), which prioritize environmentally responsible construction, permeable surfaces, and the preservation of green areas.

Parking planning at UzSWLU follows the **"less asphalt, more green"** principle, ensuring that only the minimum area necessary for essential vehicle access is dedicated to parking, while the majority of campus land remains available for landscaping, pedestrian circulation, and outdoor learning environments. This strategy contributes to lower carbon emissions, improved microclimate conditions, enhanced rainwater infiltration, and greater campus biodiversity.

1. Land Use Distribution (2026 Confirmed Figures)

According to the officially approved university land-use calculation (Indicators 1.5–1.8), the total campus area of UzSWLU amounts to **181,447.40 m²**, covering the Main Campus, Zakovat Campus, Lutfiy Campus, Muqimiy Campus, Angren Campus, and the Orta Chirchiq Recreation and Ecological Complex.

Campus Land Category	Area (m ²)	Share of Total Area
Building footprint (academic & administrative)	31,215.96	17.20%
Ground parking area	3,600.00	1.98%
Green spaces, pedestrian paths, internal roads & courtyards	146,631.44	80.82%
Total Campus Area	181,447.40	100%

Result: Ground parking occupies only **1.98%** of the total campus area, demonstrating UzSWLU's commitment to minimizing land allocated for private vehicles while maximizing green spaces and pedestrian infrastructure.

2. Parking Facilities and Access Control

UzSWLU maintains a limited and well-managed parking system intended primarily for university administration, visitors, and essential service vehicles. The university currently provides approximately **150 designated parking spaces** distributed across its campuses. Key features include:

- **Eco-parking design:** permeable paving materials are used throughout parking areas to enhance rainwater infiltration and reduce surface runoff.
- **Green buffer zones:** trees, shrubs, and landscaped islands are incorporated into parking layouts to reduce heat accumulation and improve air quality.
- **EV priority areas:** **60 designated parking spaces** are reserved for electric vehicles and are located adjacent to the university's EV charging facilities.
- **Controlled vehicle access:** private vehicles may enter campus only through a QR-code permit system administered by the Transport and Logistics Department.
- **Safety infrastructure:** parking areas are equipped with LED lighting, CCTV surveillance, and emergency communication points.

This controlled-access system minimizes traffic congestion while ensuring that vehicle movement does not interfere with pedestrian safety or the overall campus environment.



3. Sustainable Design Features

- 100% of parking areas utilize permeable paving blocks to improve groundwater recharge and reduce stormwater runoff.
- Landscaped tree belts are integrated throughout parking zones to provide shade and reduce heat-island effects.
- Parking drainage systems are connected to campus infiltration facilities supporting sustainable stormwater management.
- EV charging facilities are integrated within designated eco-parking areas.
- Under the University's land-use policy, future development projects must preserve existing green areas, and any modification of parking infrastructure must comply with sustainable campus planning principles.

4. Environmental and Social Impact

Implementation of sustainable parking management has generated measurable environmental benefits:

- Reduced surface temperatures within parking areas through increased vegetation and permeable materials.
- Improved rainwater infiltration compared with conventional asphalt surfaces.
- Enhanced biodiversity through expanded landscaped areas surrounding parking facilities.
- Reduced traffic congestion by limiting unnecessary vehicle access.
- Improved pedestrian safety and campus walkability through expanded pedestrian zones and shaded pathways.

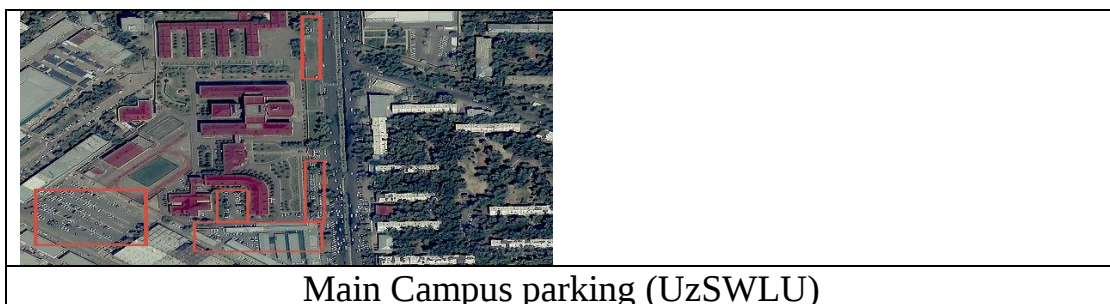
5. Monitoring and Evaluation

The Green Office and the Technical Department jointly monitor parking infrastructure and campus land use on an annual basis. Data are recorded through the University's **Land Use and Sustainability Dashboard** (introduced in 2024), which tracks:

- total parking area,
- changes in land-use allocation,
- green-area coverage,
- stormwater infiltration performance,
- and transport-related environmental indicators.

Annual reports are submitted to the Rector's Office and incorporated into strategic campus planning and sustainability decision-making.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):





Parking Area of English philology faculty (UzSWLU)