



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

[5] Transportation (TR)

5.5 Shuttle Services at the University

Given UzSWLU's multi-campus structure, which includes the Main Campus, Zakovat Campus, other academic sites, student dormitories, and nearby urban public transport nodes, shuttle transportation plays a critical role in improving campus connectivity, reducing dependence on private vehicles, supporting inclusive access, and lowering transport-related carbon emissions. The shuttle system is integrated with the university's broader sustainable mobility approach and is coordinated with nearby Tashkent Metro stations and public bus stops so that students and staff can complete the final part of their journey without using private cars.

Raw Data (Official Answers)

No.	Indicator	Value
5.6	Number of shuttle vehicles operating in the university shuttle system	15
5.7	Average number of passengers per shuttle trip	30
5.8	Total number of scheduled one-way shuttle trips per day	90

The university operates 15 shuttle vehicles within its sustainable campus transport system. The vehicles serve scheduled routes linking university campuses, student dormitories, academic buildings, libraries, cafeterias, administrative facilities, nearby Tashkent Metro stations, and public bus stops. By connecting campuses with existing mass-transit infrastructure, the service supports first-mile and last-mile mobility and reduces the need for students and staff to enter campus areas by private car. The service operates from 08:00 to 22:00, six days per week. Vehicles are assigned flexibly according to passenger demand, class schedules, peak arrival and departure periods, and operational requirements; therefore, not every vehicle is required to complete the same number of trips each day.

The shuttle service is partially subsidized by the university. The university contributes to the operating cost in order to maintain affordable and accessible transport for students and staff, rather than charging users the full commercial cost of each journey. This arrangement encourages the use of shared transport and supports the university's policy of reducing private vehicle use.

Operational Calculation and Service Capacity

Based on the official operational data, the daily service capacity is calculated as follows:

- Total passenger journeys per day = 30 passengers × 90 trips = 2,700 passenger journeys.
- Total passenger journeys per week = 2,700 × 6 operating days = 16,200 passenger journeys.

- Average scheduled trips per shuttle per day = $90 \div 15 = 6$ one-way trips. This is a fleet-wide average; individual vehicles may perform more or fewer trips depending on route length, maintenance rotation, passenger demand, and peak-hour deployment.

The above calculation demonstrates that the shuttle system provides substantial shared-mobility capacity through regular daily operations. With an estimated 2,700 passenger journeys per day, the service can accommodate travel demand equivalent to approximately 13.8% of the total campus population on a passenger-journey basis. A single shuttle journey can replace multiple individual car trips, helping reduce congestion, parking demand, fuel consumption, and local air emissions around university facilities.

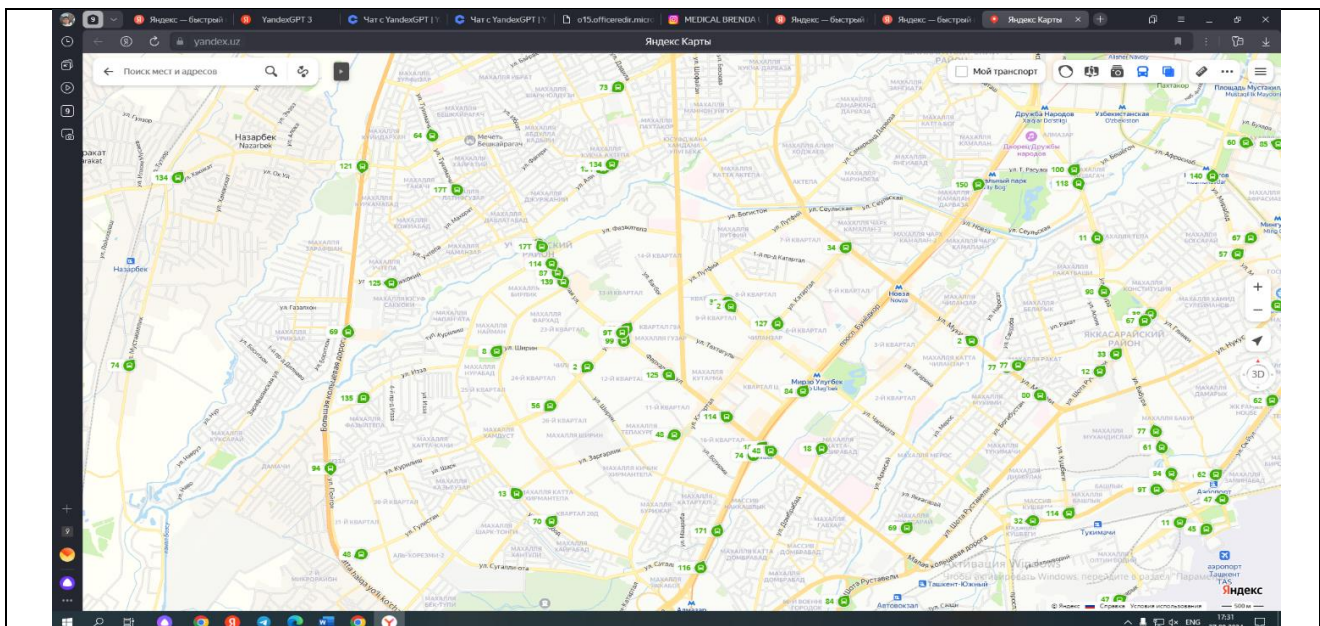
Integration with Public Transport

Nearby public transport routes and vehicle arrival information can be viewed through Yandex Maps/Yandex Transport. This application is used to identify public bus and metro connections near university sites; it is not presented as a dedicated real-time tracking system for the university-owned shuttle fleet. Shuttle departure information is communicated through university administrative channels and route schedules.

The service is designed as an integrated transport chain: passengers may travel by metro or public bus to the nearest accessible stop and then continue by university shuttle to campuses, dormitories, and other university facilities. This approach improves accessibility for the multi-campus community and strengthens the role of public and shared transport in daily university travel.

Consistency with TR 5.4

The 15 shuttle vehicles reported in this indicator are the same electric shuttle vehicles included in the university fleet description under TR 5.4. Because they are electrically powered, they are reported as part of the total university fleet but are excluded from the TR 5.4 combustion-engine vehicle calculation. This ensures that the transportation indicators use a consistent fleet inventory and calculation method.



Public transport route information available through Yandex Maps/Yandex Transport (Tashkent, Uzbekistan)



Shuttle vehicles used for UzSWLU campus and public-transport connection services

Additional supporting evidence: official shuttle inventory, vehicle registration or technical records, route and timetable documents, university subsidy/transport service documentation, dated photographs, and any available public webpage or shared folder containing videos and additional images.