Ensure Sustainable Consumption and Production Patterns

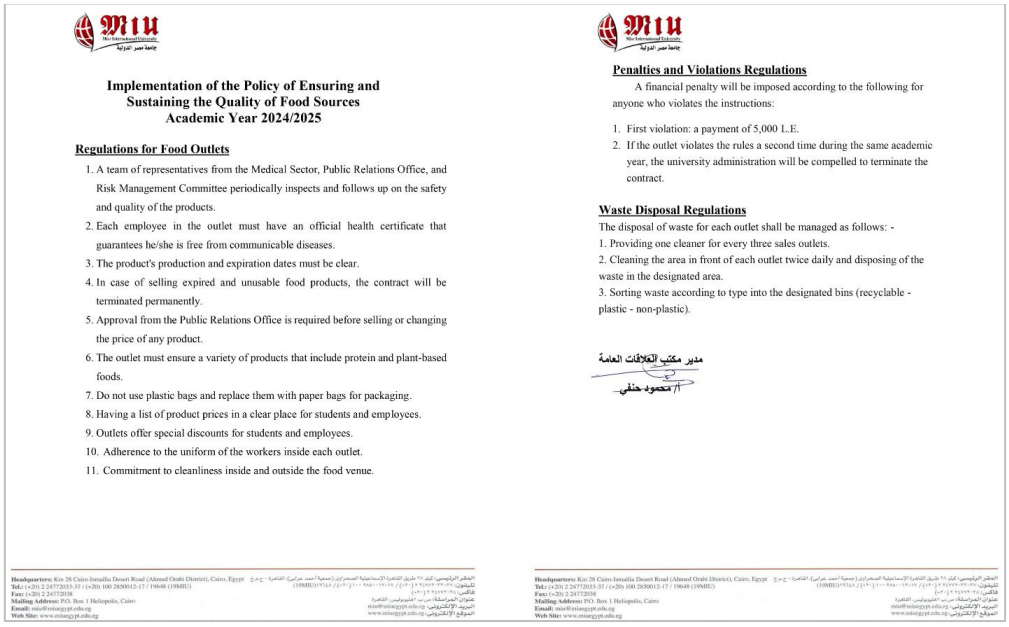
Our commitment to SDG 12 (Responsible Consumption and Production) is demonstrated by embedding sustainable consumption and production principles across our institution. We stand up for the practical application of resource efficiency, moving beyond research to transform our campus operations through advanced waste recycling and sustainable procurement. This report details our systematic efforts in waste management and fostering sustainable supply chains, initiatives that solidify our leadership in sustainability and enhance our performance in global rankings.

Operational Measures

Ethical sourcing policy

The university's ethical sourcing policy for food and supplies remains in place and unchanged after its review in 2024. The policy requires all on-campus food providers to procure supplies from responsible and sustainable sources. This requirement is enforced through contractual agreements that oblige vendors to demonstrate adherence to fair labor practices, animal welfare standards, and environmentally sound production methods.

Under the policy, food facilities on campus operate within established rules and regulations. Compliance is monitored through monthly inspection visits carried out jointly by the university's medical sector, safety office, and public relations office. Violations are subject to penalties ranging from monetary fines to termination of the contract.



Implementation of the Policy of Ensuring and Sustaining the Quality of Food Sources
Academic Year 2024/2025

Regulations for Food Outlets

1. A team of representatives from the Medical Sector, Public Relations Office, and Risk Management Committee periodically inspects and follows up on the safety and quality of the products.
2. Each employee in the outlet must have an official health certificate that guarantees he/she is free from communicable diseases.
3. The product's production and expiration dates must be clear.
4. In case of selling expired and unusable food products, the contract will be terminated permanently.
5. Approval from the Public Relations Office is required before selling or changing the price of any product.
6. The outlet must ensure a variety of products that include protein and plant-based foods.
7. Do not use plastic bags and replace them with paper bags for packaging.
8. Having a list of product prices in a clear place for students and employees.
9. Outlets offer special discounts for students and employees.
10. Adherence to the uniform of the workers inside each outlet.
11. Commitment to cleanliness inside and outside the food venue.

Penalties and Violations Regulations

A financial penalty will be imposed according to the following for anyone who violates the instructions:

1. First violation: a payment of 5,000 L.E.
2. If the outlet violates the rules a second time during the same academic year, the university administration will be compelled to terminate the contract.

Waste Disposal Regulations

The disposal of waste for each outlet shall be managed as follows: -

1. Providing one cleaner for every three sales outlets.
2. Cleaning the area in front of each outlet twice daily and disposing of the waste in the designated area.
3. Sorting waste according to type into the designated bins (recyclable - plastic - non-plastic).

مدير مكتب العلاقات العامة
أ/ محمود حنفي

Regulations for food outlets and penalties for violations, academic year 2024/2025

Waste management

The university maintains a comprehensive Waste Management Policy that governs the safe handling and disposal of all waste streams, including hazardous materials. The policy is publicly accessible, has been active since 2007 and was updated in 2024. It sets out a systematic framework for measuring the total amount of waste generated campus-wide and for recording separately the proportion that is recycled and the proportion sent to landfill, and it mandates the systematic tracking and reporting of both.

2007	2024	Present
Initial implementation of the comprehensive waste management policy.	Policy review and update to enhance effectiveness.	Continuous tracking and reduction of waste sent to landfill.

Proportion of recycled waste

In 2024/2025, the total amount of waste was **244.7 metric tons**, of which **56 metric tons** were recycled and **188.7 metric tons** were sent to landfill. This means roughly 22.9% of the university's waste was diverted to recycling.

The university contracts with a paper factory that receives its paper waste for recycling, and the campus is equipped with color-coded bins to facilitate the segregation of recyclable waste.



Waste management performance, 2024/2025 (tons)

Hazardous waste

The university manages hazardous waste through a strict protocol of segregation, secure storage, and certified disposal, ensuring environmental and human safety. Hazardous waste is transported under strict infection control measures to the Health Affairs Directorate 3, Al-Qalyubia Governorate, in accordance with the university's annual contract. In addition, the university's Risk Management Committee organizes an annual workshop on waste management and the handling of hazardous waste.



Color-coded recycling bins and infectious waste containers

Use minimization of plastic and disposable items

The university applies policies for environmental sustainability, including the minimization of plastic waste and disposable items and the proper disposal of recyclable waste. The disposable-items policy is formal and publicly accessible. It targets the reduction of solid waste and the university's overall material footprint by phasing out single-use products across campus operations, including dining services, administrative offices, and university events. By promoting reusable and durable alternatives, the policy is a cornerstone of the university's commitment to resource efficiency and circular economy principles.

A clear example of the policy in practice is found in the regulations governing food outlets on campus. As a standard contractual obligation, managers of all university food facilities formally approve terms annually, and Rule 7 requires outlets to use paper bags instead of plastic bags.

The university is also committed to educating students about sustainable practices through elective university courses, such as Environmental Awareness (SOC102), and through topics embedded in other courses, such as the Public Health and Preventive Dentistry course, which includes a topic on sustainability.

2. Elective University Courses:

Students also select **One course** of the following University Requirement Courses:

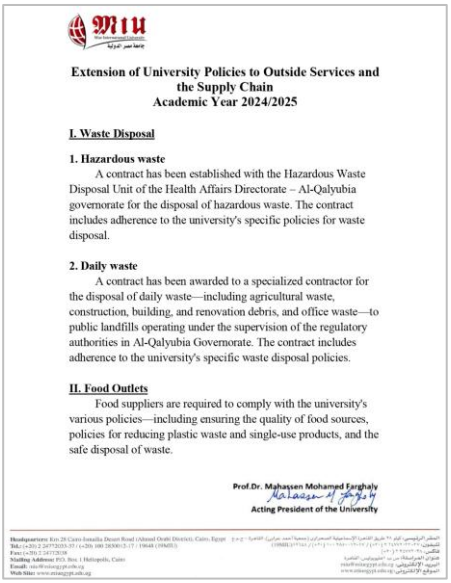
Serial No.	Course Code	Course Name	Pre-requisite	Credit Hrs.
1	SOC102	Environmental. Awareness	None	3
2	SOC103	Principle of Sociology	None	3
3	NUT101	Principles of Nutrition (ALS,ARC,BUS,CSC,ECE& MCM)	None	3

Elective university requirement courses, including Environmental Awareness (SOC102)

Extension of policies to outsourced services and suppliers

The university's policies on minimizing disposable items and plastics are explicitly extended to all outsourced services operating on campus. This requirement is formally mandated within service agreements and procurement contracts, holding external partners such as food caterers to the same operational standards as internal departments.

The university also extends these policies across its supply chain, embedding sustainable procurement principles into contracts with its key suppliers of goods, including equipment, stationery, and building contractors. Through tender documents and supplier agreements, vendors are required to demonstrate reduced and sustainable packaging, to prioritize reusable or recyclable materials, and to offer products aligned with the university's circular economy goals. In this way, the commitment to reducing material footprint and solid waste is upheld both internally and across the university's external operations.



Extension of University Policies to Outside Services and the Supply Chain
Academic Year 2024/2025

I. Waste Disposal

1. Hazardous waste

A contract has been established with the Hazardous Waste Disposal Unit of the Health Affairs Directorate – Al-Qalyubia governorate for the disposal of hazardous waste. The contract includes adherence to the university's specific policies for waste disposal.

2. Daily waste

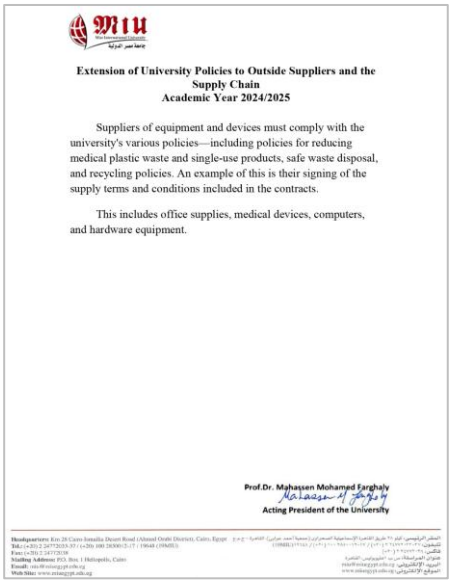
A contract has been awarded to a specialized contractor for the disposal of daily waste—including agricultural waste, construction, building, and renovation debris, and office waste—to public landfills operating under the supervision of the regulatory authorities in Al-Qalyubia Governorate. The contract includes adherence to the university's specific waste disposal policies.

II. Food Outlets

Food suppliers are required to comply with the university's various policies—including ensuring the quality of food sources, policies for reducing plastic waste and single-use products, and the safe disposal of waste.

Prof.Dr. Mahassen Mohamed Farghaly
Acting President of the University

Extension of University Policies to Outside Services and the Supply Chain, 2024/2025 (page 1)



Extension of University Policies to Outside Suppliers and the Supply Chain
Academic Year 2024/2025

Suppliers of equipment and devices must comply with the university's various policies—including policies for reducing medical plastic waste and single-use products, safe waste disposal, and recycling policies. An example of this is their signing of the supply terms and conditions included in the contracts.

This includes office supplies, medical devices, computers, and hardware equipment.

Prof.Dr. Mahassen Mohamed Farghaly
Acting President of the University

Extension of University Policies to Outside Services and the Supply Chain, 2024/2025 (page 2)

Applications of SDG 12 university policies

The Training Committee at the Faculty of Oral and Dental Medicine organized a workshop titled "Principles of General Laboratory Safety / Biosafety", delivered by Dr. Hanan Al-Mohammadi to 22 laboratory technicians. It covered basic lab safety, blood-borne diseases, and laboratory-acquired infections, and achieved a 100% satisfaction rate. The workshop directly supports SDG 12 by promoting the environmentally sound management of chemicals, the safe segregation and reduction of hazardous laboratory waste, and responsible resource use in daily lab operations.



Laboratory Safety / Biosafety workshop, Faculty of Oral and Dental Medicine