



URDANETA CITY UNIVERSITY: STRENGTHENING FOOD SECURITY THROUGH SUSTAINABLE AGRICULTURE AND AQUACULTURE EDUCATION

In alignment with the United Nations Sustainable Development Goal 2 (Zero Hunger), Urdaneta City University (UCU) continues to uphold its commitment to promoting food security and sustainable livelihoods by extending agricultural and aquaculture knowledge, skills, and technologies to local farmers and food producers.

As an institution devoted to research, innovation, and community development, UCU actively engages in programs that empower local communities to adopt sustainable and science-based farming and aquaculture practices. Through its College of Agriculture, College of Fisheries, and Extension Services, the university provides training sessions, workshops, and hands-on demonstrations that aim to enhance productivity, resource efficiency, and environmental stewardship.

UCU's faculty experts and student researchers collaborate with local government units and agricultural organizations to disseminate practical knowledge on modern farming techniques, organic production, aquaponics, vermicomposting, soil health management, and climate-resilient agriculture. In addition, the university offers technical assistance in aquaculture, focusing on sustainable fish farming, water quality monitoring, and responsible feed management. These initiatives help local food producers improve yield and income while protecting natural resources for future generations.

2 ZERO HUNGER





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The university also integrates technology transfer programs and innovation projects that introduce new tools and systems to the farming community. By utilizing research outputs and laboratory-based studies, UCU ensures that farmers and fisherfolk gain access to technologies that enhance efficiency and reduce production costs. Furthermore, the university's partnerships with local cooperatives and government agencies strengthen the impact and reach of these interventions.

Beyond technical training, UCU emphasizes the importance of food security education by promoting awareness of sustainable food systems, responsible consumption, and equitable access to resources. These initiatives empower communities to take part in achieving long-term food sustainability and resilience against hunger.

Through its continuous extension and outreach programs, Urdaneta City University serves as a bridge between academic knowledge and community action—helping local farmers and food producers achieve productivity, sustainability, and economic stability. By providing access to agricultural and aquaculture education and technology, UCU reinforces its role as a catalyst for change and a partner in realizing SDG 2: Zero Hunger within the region.

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