





# INSTITUTIONAL MISSION

PREPARE LEADERS WITH  
ETHICAL VALUES TO  
CONTRIBUTE TO THE  
SUSTAINABLE DEVELOPMENT  
OF THE TROPICS AND TO  
CONSTRUCT A PROSPEROUS  
AND JUST SOCIETY.

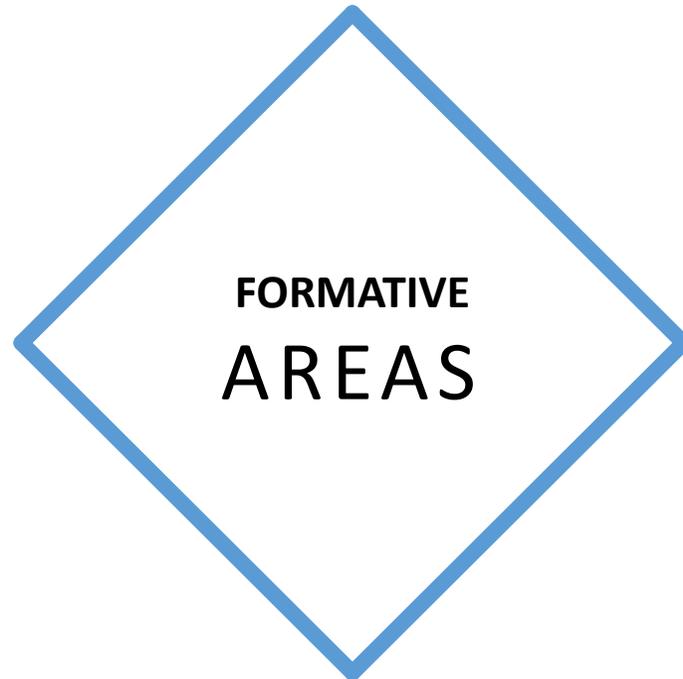




# GRADUATE PROFILE

SOCIAL AND  
ENVIRONMENTAL AWARENESS  
AND **COMMITMENT**

TECHNICAL AND  
SCIENTIFIC  
**KNOWLEDGE**



**PERSONAL  
DEVELOPMENT**  
(ATTITUDES AND VALUES)

ENTREPRENEURSHIP



# GRADUATE PROFILE

1. Exercises leadership.
2. Behaves in accordance with values and principles.
3. Practices social awareness and commitment.
4. Communicates effectively.
5. Works effectively in teams.
6. Commitment to lifelong learning.
7. Practices reasoning, analysis and synthesis to resolve problems.
8. A solid technical formation.
9. Managerial and entrepreneurial capacity.
10. Works for the sustainable development and management of the agriculture and natural resources of the tropics.

# Innovating the Banana Industry

## Then

Plastic choked rivers and contaminated the landscape



## Now

Recycled into corner supports for pallets



# Innovating the Banana Industry



- Ground cover prevents erosion
- Plants in drainage ditches filter and clean water
- Manual labor with machete has eliminated all use of herbicides

# Innovating the Banana Industry

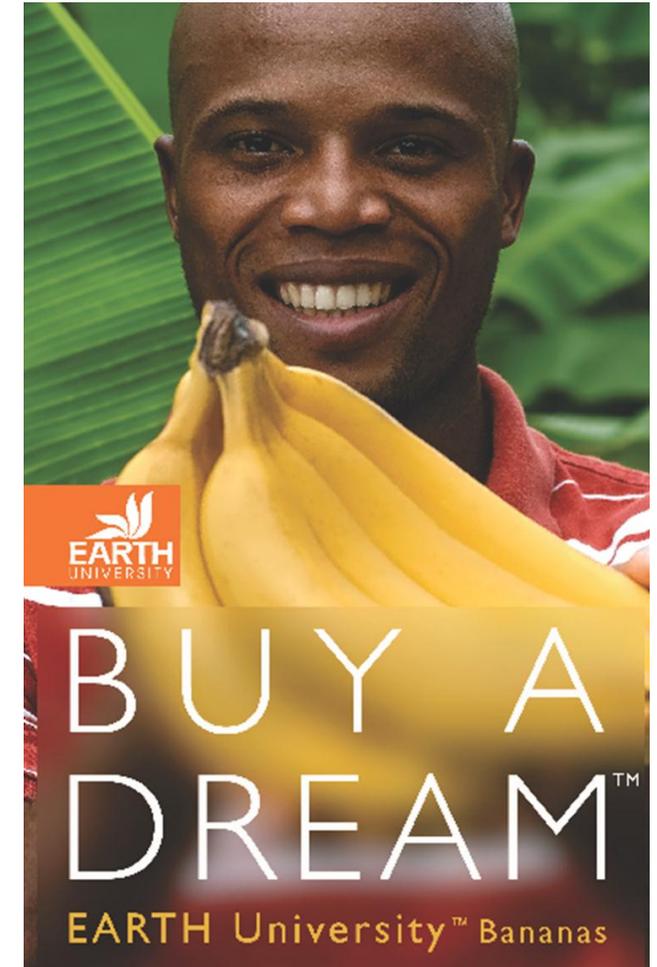


Efficient microorganisms help:

- control nematodes
- speed up decomposition
- release nutrients
- reduces chemical fertilizers



# EARTH University and Whole Foods Market Partnership





# The Use of Biodiversity and Space-Grown Crystals in the Fight Against Chagas' Disease

NASA UAB EARTH INBio UNA UDELAR USACH UCN



the **ChagaSpace**  group



# EARTH – RUFORUM Partnership



The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) is a consortium of 32 universities in Eastern, Central and Southern Africa and was established in 2004.



# Global Master's in Health + Sustainable Development

The Global Master's will be based on four integrated components (pillars):

- 1. Global health**
- 2. Sustainable development**
- 3. Social entrepreneurship**
- 4. Transformative learning**



# Renewable Energies



EARTH has the only renewable energies laboratory in Central America.



Graduate and entrepreneur Joaquín Víquez after installing a biodigester in Copan, Honduras.

# Sharon Againe, 2009, Uganda



Sharon started the AgaSha Business Network, an online business community that supports small and medium enterprises in accessing the global market.

**PREPARING LEADERS WITH ETHICAL VALUES TO CONTRIBUTE TO THE SUSTAINABLE DEVELOPMENT OF THE TROPICS AND TO CONSTRUCT A PROSPEROUS AND JUST SOCIETY.**

