

MASTER OF SCIENCE IN HORTICULTURE, PLAN B, HORTICULTURE AND HUMAN HEALTH SPECIALIZATION

The program enables students to develop plant-based solutions to improve human diets and medicines in ways that result in healthier populations.

[Students interested in graduate work should refer to the Graduate and Professional Bulletin.](#)

Learning Objectives

Upon successful completion, students will be able to:

1. Develop an integrated knowledge base in the disciplines related to horticulture and human health, specifically in plant biology, food and medicinal crop production, human nutrition, and development and treatment of chronic disease;
2. Construct systems-level intervention plans (i.e. farm-to-fork) that state and test hypotheses about plants and human health, achieving meaningful technical objectives;
3. Apply and evaluate effective, contemporary professional and communication skills for scientific and non-scientific audiences; and,
4. Demonstrate and assess professional and ethical behavior. Students write a scholarly paper (as per Plan B requirements) to achieve learning objectives focused on critical thinking, analyses, and writing skills.