Program Learning Goals & Objectives

Sustainable Plant Systems

Be competent in critical thinking and research

Acquire information and/or data

Analyze information and/or data

Interpret information and/or data

Understand the concept of sustainability and be able to use sustainable practices in horticulture and crop science

Understand the concept of sustainability

Apply the concept of sustainability to a managed plant ecosystem

Have the ability to integrate the fundamentals of physical and biological sciences with the principles of plant science to develop and maintain sustainable plant systems

Calculate discipline-related quantitative measurements

Assess the effect of environmental conditions on plant grows

Be able to disseminate information effectively through all forms of communication (oral, electronic, written, visual, etc.) at a professional level

Prepare information and/or data for a written report

Prepare information and/or data for a presentation

Develop projects utilizing digital communication technologies

Apply the fundamentals of management to horticulture and crop science enterprises

Establish goals

Appraise strategies for accomplishing established goals

Apply best practices for horticulture and crop enterprises

Have the appreciation for life-long learning through self-awareness and evaluation, seeking knowledge, and using evaluation and synthesizing skills

Participate in extracurricular educational opportunities

Critique one's own performance through self-evaluations

Have developed an appreciation of and respect for diversity

Demonstrate knowledge or range of cultures, values, and political perspectives relevant for living in a global community

Act in a responsible and ethical way

Properly credit sources of information

Preform effectively as a contributing team member

Demonstrate a positive work ethic

Horticulture and Crop Science

THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES