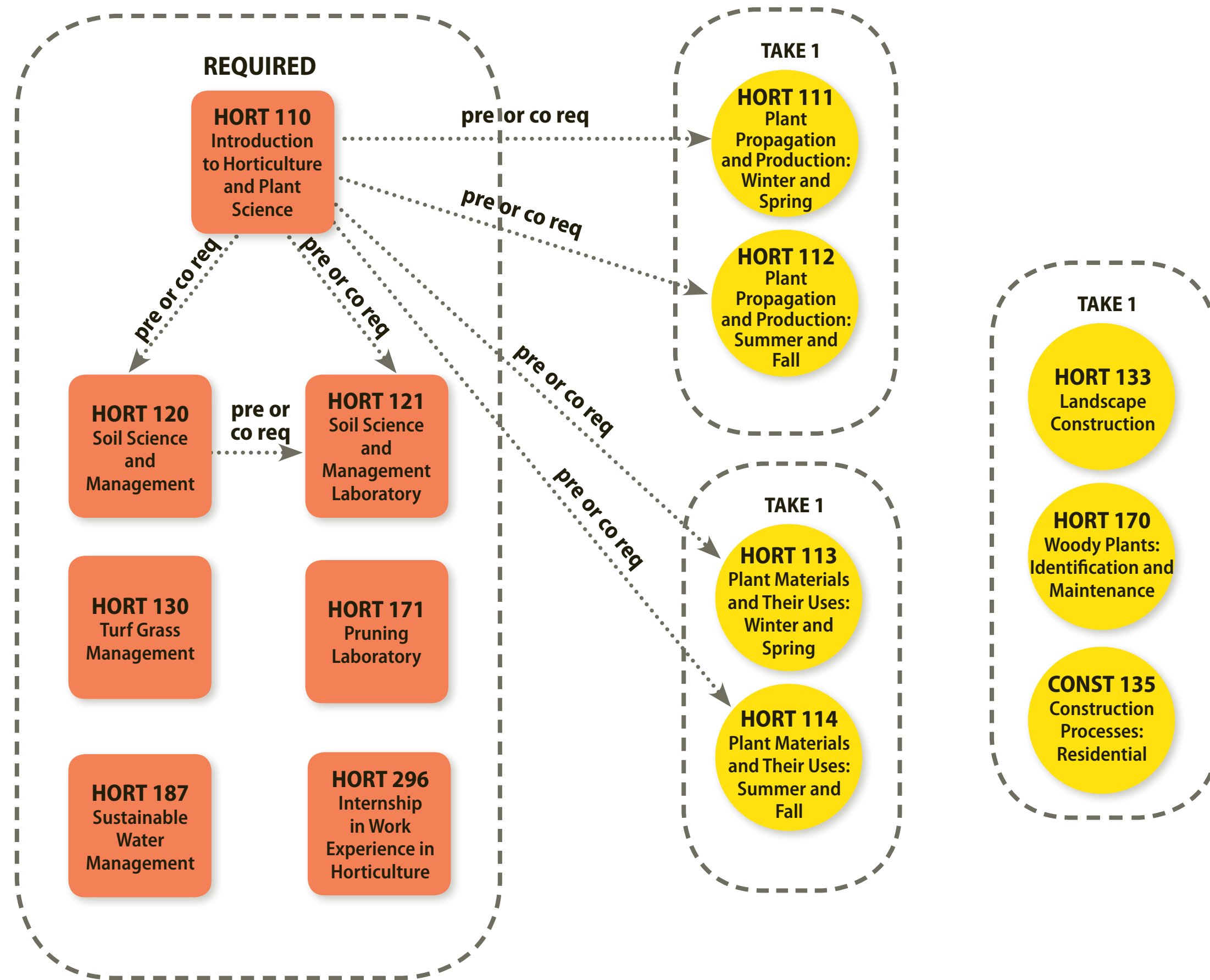


# Plant Science and Horticulture: Certificate of Achievement



## PROGRAM LEARNING OUTCOMES

Students completing the program will be able to:

1. Integrate the knowledge of higher plant functions with site analysis.
2. Describe local geographical features and their relationship to soils.
3. Select appropriate plants for specific environmental conditions.
4. Apply appropriate plant pruning techniques.
5. Demonstrate proper use of botanical nomenclature.
6. Identify exotic and native woody plants.
7. Explain the effects of temperature, water, humidity, and fertility on winter and spring plant growth.
8. Apply learned skills to gardens.

## Careers in

- Landscape installation
- Maintenance of plants
- Plant propagation
- Nurseries
- Preparation for transfer for BA in horticulture, plant science, or agriculture