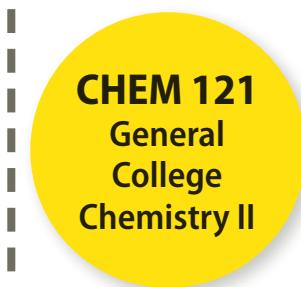
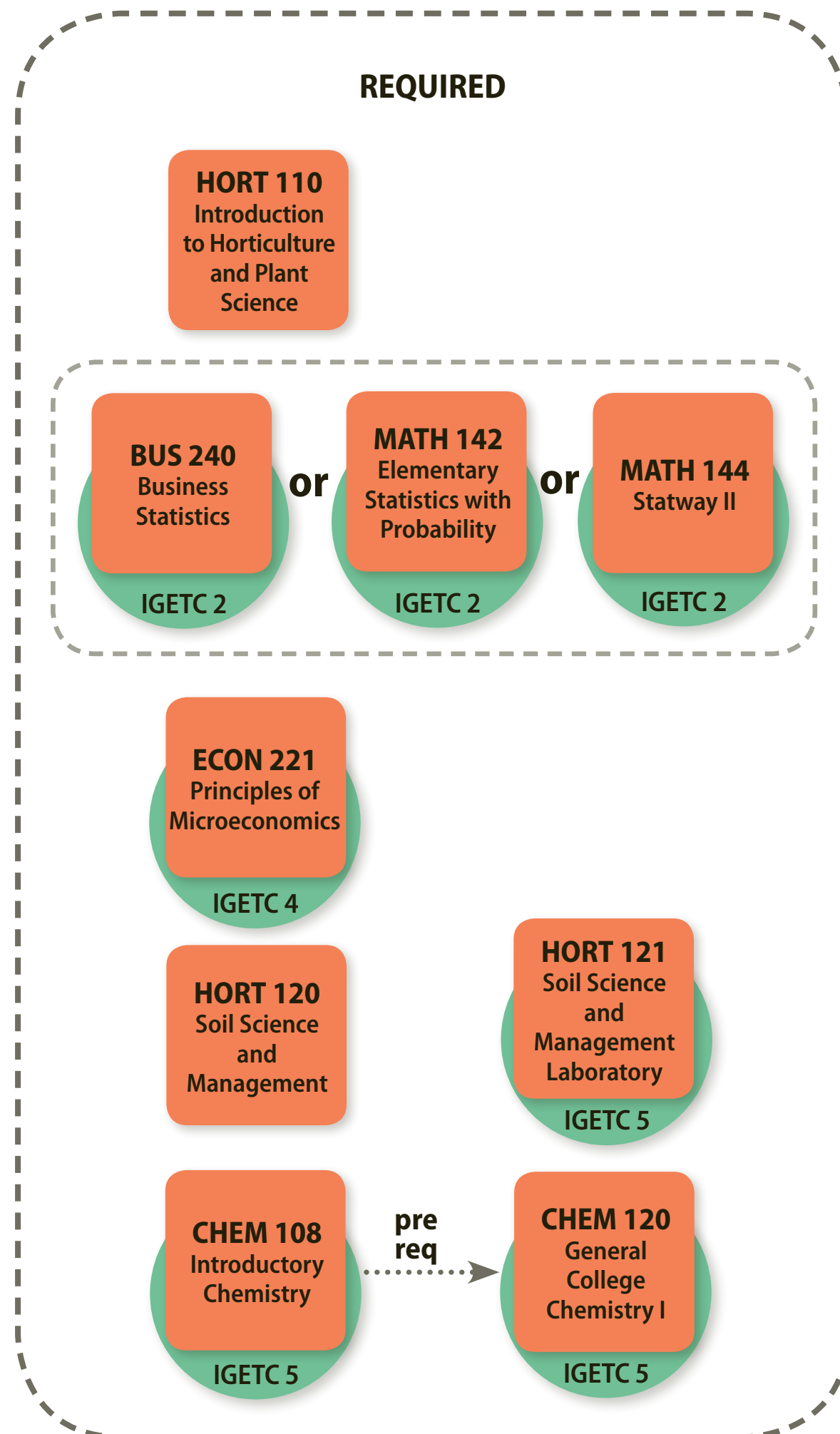
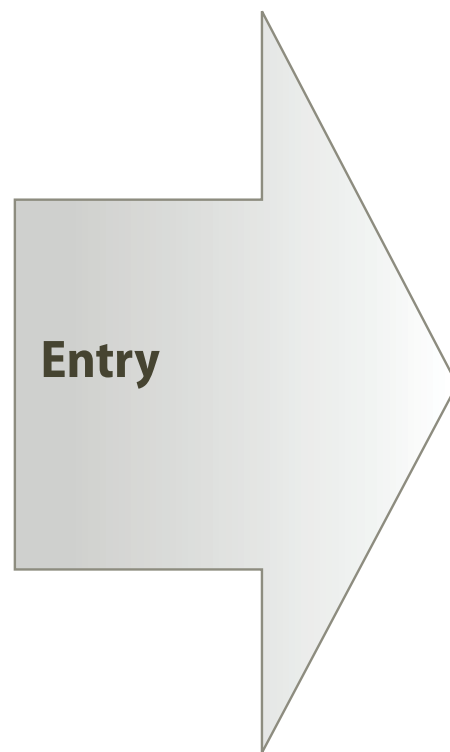


Agriculture Plant Science–AST

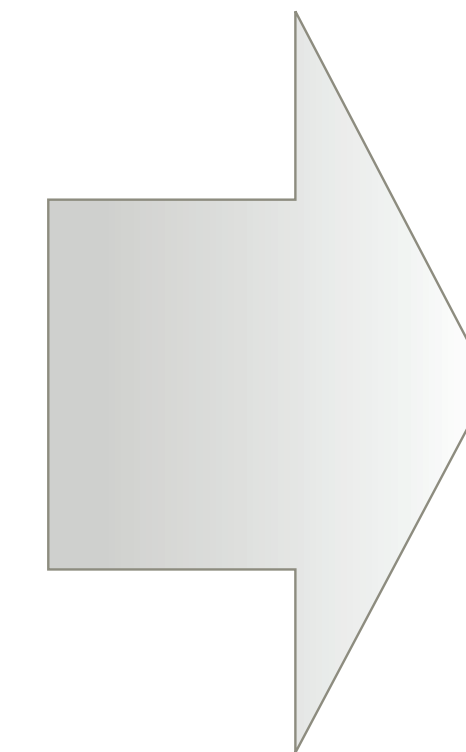
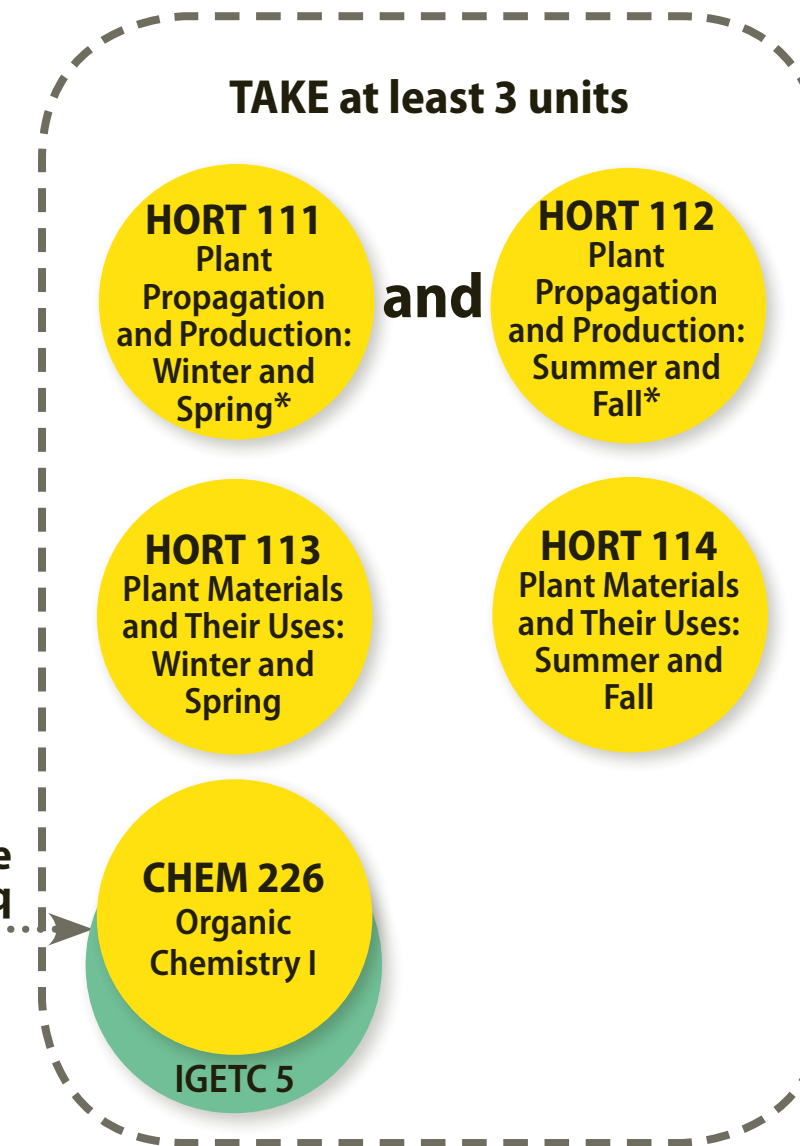
PROGRAM LEARNING OUTCOMES

Students completing this program will be able to

1. Recognize and remediate soil properties in terms of chemistry, plant growth requirements, erosion, organic content, pore space and carbon sequestration.
2. Produce plants using sexual and asexual methods of propagation, identifying water, nutrient, light, pH and temperature requirements per crop to produce crop production cost estimates.
3. Evaluate, formulate, and apply needed nutrients for specific crops grown on given soils on a seasonal basis.
4. Demonstrate pest problem solving skills through data analysis of biological and environmental factors.
5. Describe how markets function as applied to plant science.



pre req



Careers in

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

Required

Elective

* Must take both as equivalent to C-10 AG-EH 116L

IGETC category