



Business & Industry Endorsement Agriculture, Food, and Natural Resources

Plant Science

The Plant Science program of study focuses on the science, research and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants & vegetation, either in laboratories or in the field.

Levels	Courses	
Level 1	Principles of Agriculture, Food & Natural Resources 9	
Level 2		
Level 3	Floral Design/Lab 10	
Level 4	Advanced Floral Design <i>Prerequisite: Floral Design</i> 11 <i>+Texas State Floral Association Level 1</i> <i>Texas State Floral Association Knowledge Based Junior Year</i>	Practicum in Agriculture, Food & Natural Resources 12

Occupation	Median Wage	Annual Openings	% Growth
Soil and Plant Scientists	\$54,662	116	21%
Tree Trimmers and Pruners	\$32,240	589	14%
Pesticide Handlers, Sprayers and Applicators	\$36,733	196	22%
Landscaping Supervisors	\$44,408	807	19%
Biological Technicians	\$42,931	452	17%

Industry Based Certifications

+Texas State Floral Association Level One Floral Certification

+Texas State Floral Association Knowledge Based Certification

This certification exam measures the following competencies such as industry-specific vocabulary, plant identification and the scientific and common names of plants.

To earn a CTE endorsement, students must take a minimum of 3 classes for 4 or more credits in the same Program of Study, and must end with one Level 3 or Level 4 CTE course.