



## PATHWAY: PLANT SCIENCE

### Get the Facts:

**Plant Science** involves conserving water through better utilization of native plants in landscapes; interest in saving wild lands by halting the invasion of weeds; or wanting to help feed the world by developing crops that produce more.

**Horticulture** is the science and art of growing fruits, vegetables and flowers. Horticulturists combine scientific knowledge and technical skills to grow plants. They discover new knowledge about plants, develop technology, and manage plant production, sale and use.

**Landscape Management** is the profession that designs, builds, and maintains beautiful out-door and indoor environments.

**Landscape Architecture** is the design of land and buildings to achieve environmental, socio-behavioral, and aesthetic outcomes.

### Workforce Trends:

According to the US Department of Labor, positions in Landscape and Horticultural services are projected to INCREASE at a fast pace. Landscape Management is more than a \$70 billion industry and it has great career opportunities.

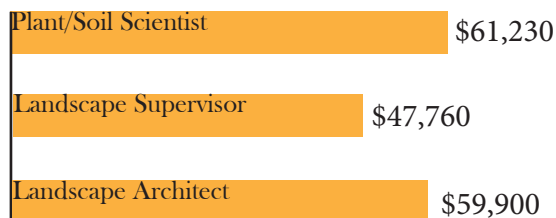
### PLANT SCIENCE IS:

- High skill
- Medium to High wage

Occupation Outlook:



### The Utah statewide annual median wage:



### SAMPLE CAREER OCCUPATIONS:

- Botanist
- Horticulturist
- Golf Course Superintendent
- Greenhouse Manager
- Landscape Architect
- Soil & Water Specialist/Scientist

### College and Career:

There are a number of options for education and training beyond high school, depending on your career goals.

- BYU – BS Landscape Management
- BYU – BS Agronomy, Crop, & Soil Sciences; BS Horticulture Design/Build/Maintain; BS Horticulture Production; BS Horticulture Floral Design; BS Plant & Wildlife Ecology— Plant Bio emphasis; AAS Plant Science & Technology, Floral Design, Horticulture
- USU – BS Land, Plant & Climate Systems— Environmental Soil Science emphasis; BS Residential Landscape Design & Construction; BS Plant Science—Horticulture & Cropping Systems; BLA Landscape Architecture
- WSU – BS Botany—Field Botany, General Botany emphases
- U of U – N/A
- UVU – BS Botany
- SUU – BIS Agriculture Science & Industry— Plant Science emphasis
- DSU – N/A
- USU/E – N/A