

Horticulture / Plant Sciences

Students who complete 2 credits in this pathway will meet their state graduation pathway through the CTE Sequence option.

The **Horticulture Program of Study** will teach students the basics of plant anatomy, reproduction, and management, as well as various fields of species identification. Students can focus on the planning, planting, growing, and final sale of decorative bedding plants and garden vegetables in a full-production greenhouse. Students also can learn the art and science of flower aesthetics and arrangement for various occasions in both personal and professional applications. Another option is to learn skills related to the identification, evaluation, management, and utilization of local and regional forest tree species and products.

Is this program a fit for you?

- Enjoy working outdoors
- Enjoy physical activity and hands-on learning experiences
- Have an interest in caring for and improving our physical environment
- Are interested in careers such as landscaping, greenhouse growing, and work in nurseries

High School Opportunities

Courses

- Intro to Forest Science & Operations
- Forest Health Management & Production
- Plant Science
- Horticulture Science

Additional Possibilities

- FFA
- Lead - Hannah Schneider

Career Connected Learning

- Job Shadows/Internship
- Career Exploration Field Trips

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After High School Options

Certificates

- Agricultural Business & Mngt.
- Agronomy & Crop Science
- Forest Technology/Tech
- Landscaping & Groundskeeping

2 year option

- Environmental Science
- Agriculture

4 year option

- Agronomy & Crop Science
- Agriculture
- Landscape Architecture

Careers

Example of Careers and Salary

• Agriculture Work	\$ 22,540
• Forest & Conservation Tech	\$ 26,940
• Florist	\$ 25,850
• Agricultural & Food Tech	\$ 37,550
• Logging	\$ 37,590
• Farming & Ranching	\$ 67,950
• Agricultural & Food Science	\$ 62,920
• Landscape Architecture	\$ 63,480

*Data Source - Schoolinks

Program Courses

Program High School Courses	Grades	Equivalencies	CIHS	Dual Credit	Industry Recognized Certificate (IRC)
Intro to Forest Science & Operations	9, 10, 11, 12	Science		X	YouScience - Natural Resource Science
Forest Health Management & Production	9, 10, 11, 12	Science		X	YouScience - Natural Resource Science
Plant Science	9, 10, 11, 12	Science		X	YouScience - Plant and Soil Science 1
Horticulture Science	10, 11, 12	Science		X	YouScience - Plant and Soil Science 1