

Agriculture, Food & Natural Resources

The **Agriculture, Food & Natural Resources** Career Cluster focuses on preparing students for employment in careers that relate to the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



Agriculture, Food & Natural Resources
Utah Career and Technical Education
CAREER CLUSTERS

UTAH CAREER AND TECHNICAL EDUCATION (CTE) CAREER PATHWAYS ALIGN WITH THE NATIONAL CAREER CLUSTERS®.

5,865

students concentrated in a CTE Career Pathway within the **Agriculture, Food & Natural Resources** Career Cluster, with **163,690 students enrolled in CTE courses.**

CTE provides all students access to high-quality rigorous career focused programs that result in attainment of credentials with labor market value.

TOP THREE

industry certifications earned by students in CTE Career Pathways within the **Agriculture, Food & Natural Resources** Career Cluster.

12,241 Food & Nutrition 1

4,084 Food & Nutrition 2

2,078 Animal Science 1

Industry-based certifications are awarded through validation of skills in cooperation with a business, trade association, or other industry group.

24,277

CTE Skill Certificates awarded to students in the **Agriculture, Food & Natural Resources** Career Cluster.

(SY 2018-2019)

Fifty-two

percent of students statewide **concentrated** in a CTE Career Pathway. A **concentrator** is a student who has completed **1.5 credits** in a single CTE program of study.

Twenty-one

percent of students statewide **completed** a CTE Career Pathway. A **completer** is a student who has completed **3.0 credits** in a single CTE program of study.



Student Success

"My CTE classes and my leadership experience in 4-H and FFA have laid a strong foundation on which I can build upon. I plan to go to college to complete a teaching degree. I like the idea of 'paying it forward.' I have had a wonderful education experience and I hope to provide that for the future students I will teach."

Kaitlin Hallam

9,341

students are members of a Career and Technical Student Organization (CTSO) aligned with the **Agriculture, Food & Natural Resources** Career Cluster. Students who participate in the related CTE Career Pathways have the opportunity to join the Career and Technical Student Organization (CTSO) of **FFA** or **FCCLA**. (SY 2018-2019)

UtahFFA.org | FFA.org
UtahFCCLA.org | FCCLAinc.org

CTE Career Pathways

Through participation in CTE Career Pathways students learn how to become productive employees and gain the academic skills to increase their earning potential while still in high school. Utah CTE Career Pathways are categorized by Career Cluster and each Career Pathway culminates in an industry-recognized credential of value.

Agriculture, Food & Natural Resources Career Cluster

Utah CTE Career Pathways: (SY 2020-2021)

- > Agricultural Mechanics Systems
- > Agricultural Production Systems
- > Animal & Veterinary Science
- > Food Science, Dietetics & Nutrition
- > Natural Resource Science
- > Plant Science

 **CTE** Learning that works for Utah

2018-2019 Data Represents Secondary Education
Source of Data: Utah State Board of Education

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Utah State Board of Education | 250 East 500 South | P.O. Box 144200 | Salt Lake City, UT 84114-4200
Sydnee Dickson, Ed.D., State Superintendent of Public Instruction
Thalea Longhurst, State Director of Career and Technical Education

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.