

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®.

18,188

students concentrated in a CTE Career Pathway within the **Agriculture, Food & Natural Resources** Career Cluster, with 172,020 students enrolled in CTE courses. (SY 2020-2021)

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

TOP THREE

CTE Skill Certifications earned by students in CTE Career Pathways within the **Agriculture, Food & Natural Resources** Career Cluster. (SY 2020-2021)

11,428	Food & Nutrition 1
3,776	Food & Nutrition 2
1,859	Animal Science

22,760

CTE Skill Certifications earned by students in this Career Cluster. (SY 2020-2021)

989

Third-party certifications earned by students in the **Agriculture, Food & Natural Resources** Career Cluster. (SY 2020-2021)

45.6%*

of students statewide **concentrated** in a CTE Career Pathway.

A concentrator is a student who has completed specific requirements in a single CTE program of study.

* Perkins V strengthens the requirements for a student to become a concentrator and completer. Percentages have decreased over prior years as a result of the new Perkins V definitions.

16%*

of students statewide **completed** a CTE Career Pathway.

A completer is a student who has completed specific course requirements and earned 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

7,590

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 2020-2021)


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 2022-2023)

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

 **CTE** Learning that works for Utah

Data Represents 2020-2021 Secondary Education
Source of Data: Utah State Board of Education
July 2022

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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.