

Utah Career and Technical Education Career Pathway

2019-2020 School Year



CTSO Information

Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

FCCLA is the CTSO for students in the Food Science, Dietetics and Nutrition Career Pathway. FCCLA provides students with opportunities to attain the knowledge, skills, and leadership characteristics necessary to succeed in life and careers.

Workforce Trends

According to the U.S. Department of Labor, dietitians and nutritionists held 68,000 jobs nationwide in 2016. Employment of dietitians and nutritionists is projected to increase 15 percent through the year 2026.

In Utah, a dietitian and a nutritionist must be licensed.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Food Science, Dietetics & Nutrition

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|------------------------------------|--|---------|--------------|
| 34.01.00.00.180 | Food Science | .50 | 1.00 credit |
| 34.01.00.00.150 | Food and Nutrition 1 | .50 | |
| 34.01.00.00.185 | Foundations of Nutrition * | .50 | |
| ELECTIVE COURSES | | | |
| 34.01.00.00.160 | Food and Nutrition 2 | .50 | 2.00 credits |
| 34.01.00.00.197 | Human Development | 1.00 | |
| 36.01.00.00.110 | Medical Anatomy and Physiology | 1.00 | |
| 41.00.00.00.050 | CTE Internship | .50 | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

* Course can be taken up to 1.00 credit.

Foundation courses taken beyond the required credits can be used as elective credit.

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Food Science, Dietetics & Nutrition is:

> High-skill

Sample Occupations Requiring:

High School Diploma
 > Nutrition and Wellness Coach
 > Food Product Technician
 > Packaging Manager Product Grader

Certificate
 > Food Protections Manager
 > Food Inspector Assistant
 > Food Sanitation Coordinator

Assoc. or Technical Degree
 > Research and Development Technician

Baccalaureate Degree
 > Career and Technical Education Teacher
 > Dietitian/Nutritionist
 > Food Scientist
 > Nutrition Education Specialist
 > Research Technician

Graduate or Prof. Degree
 > Food Microbiologist
 > Food Nutritionist
 > Food/Research Scientist

Student Testimonial

"Participating in a CTE Internship helped me to experience the reality of being a dietitian. I participated in a number of activities, including recipe construction, consultations, and food preparation. I learned of the mandatory jobs and skills one must have, the schooling and preparation required."

Melissa DeFriez

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
|--|--------------------|--|--------------------------|-------------------------------|
| <p>Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain.</p> <p>In high school a variety of certificates can be earned.</p> | | <p>An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions.</p> <p>In 2016-2017, 74 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31).</p> | | |

Utah Business and Industry Facts

From hospitals to care facilities to grocery stores to schools, businesses and organizations in Utah utilize the expertise of dietitians and nutritionists.

According to the Utah Department of Workforce Services, there 790 licensed dietitians and nutritionists in the state. By the year 2026, the average annual growth rate for this occupation is projected to increase 3.0 percent.

UtahFutures: College and Career Planning

Visit UtahFutures.org to explore occupations, search salary projections, access labor market information, investigate training options, and to create a plan.

Visit UtahCTE.org to access high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

CTE Credentials of Value

In 2017-2018, 112,867 CTE Skill Certifications were awarded to secondary students and 19,189 third-party certifications were earned by secondary students.

In 2017-2018, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 87 percent.