



**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Natural Resource Science**

JUNIOR HIGH / MIDDLE SCHOOL	
<a href="#">College and Career Awareness</a>	
<a href="#">Agriculture, Introduction</a>	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Agricultural Biotechnology	<a href="#">Business Communication 1</a> *
<a href="#">Agricultural Science 1</a>	<a href="#">Business Communication 2</a>
Agricultural Science and Technology Application *	<a href="#">Leadership Principles 1</a> *
<a href="#">Aquaculture</a> +	<a href="#">Natural Resource Science 1</a> +
<a href="#">Biology-Agricultural Science</a>	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
<a href="#">Natural Resource Science 2</a> *	
<b>COMPLETER COURSES:</b> To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.	
CTE Internship	
POSTSECONDARY:	
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	
UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> <li>&gt; Firefighter</li> <li>&gt; Heavy Equipment Operator</li> <li>&gt; Pesticide Handler/Applicator</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Arborist</li> <li>&gt; Fisheries Technician</li> <li>&gt; Forestry Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Conservation Officer/Scientist</li> <li>&gt; Wildlife Biologist</li> </ul>

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

**Student Testimonial**

"I enrolled in all of the CTE courses in the Natural Resource Science Pathway. The courses added depth to my understanding. Summer Ag enhanced my practical knowledge in the field. All of this together helped me along my planned path to reach my personal and occupational goals."

Cache Bisel  
 South Summit High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Utah Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student Organization (CTSO) for students in the Natural Resource Science Career Pathway.

[FFA.org](http://FFA.org) | [UtahFFA.org](http://UtahFFA.org)  
[Utah FFA flyer](#)

