




## Career Cluster: Energy & Natural Resources

### Career Pathway: Natural Resource Science

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Agriculture, Intro	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Agricultural Biotechnology	Business Communication 1 *
Agricultural Science 1	Business Communication 2
Agricultural Science and Technology Application *	Business Leadership 1 *
Aquaculture +	Natural Resource Science * 1 +
Biology-Agricultural Science	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Natural Resource Science 2 *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://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.			
	Certificate	2-Year Associate 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>

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. [Credentials of Value](#)

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

### Advice to Students

"CTE provides you with job like classes where you get exposure to what you would be doing as if you were working in that field. Take as many classes as you can. You won't regret it."

Presley Chappell  
Future Natural Resource Specialist

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Energy & Natural Resources

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

