



PATHWAY: NATURAL RESOURCE SCIENCE

GET THE FACTS:

Fish and Game Officers patrol assigned areas to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data.

Park Rangers protect and supervise designated outdoor areas. Park rangers patrol the grounds and make sure that campers, hikers and other visitors are following the rules-- including fire safety regulations-- and do not disrupt the natural environment or fellow guests.

Mining Engineers conduct sub-surface surveys to identify the characteristics of potential land or mining development sites. They may inspect areas for unsafe geological conditions, equipment, and working conditions.

WORKFORCE TRENDS:

Job openings for all types of Conservation Officers, Forest Workers and Park Rangers is expected to INCREASE at an average rate of 7% from 2014-2024.

Employment of Mining Engineers is projected to GROW 6 percent from 2014 to 2024, about as fast as the average for all occupations.

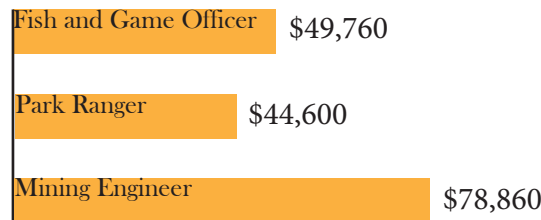
NATURAL RESOURCE SCIENCE IS:

- High skill
- Medium to High wage

Occupation Outlook:



The Utah statewide annual median wage:



SAMPLE CAREER OCCUPATIONS:

- Fish and Game Officer
- Forest Worker
- Mining Engineer
- Park Ranger
- Conservation Officer with a state or federal agency
- Wildlife Firefighter

The Natural Resource Systems pathway encompasses many different occupations and college major fields.

COLLEGE AND CAREER:

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

- BYU - BS Wildlife & Wildlands Conservation
- BYUI - BS Plant & Wildlife Ecology-- Fisheries, Range, and Wildlife emphases
- USU - BS Wildlife Ecology & Management; BS Forest Ecology & Management; BS Rangeland Ecology & Management
- WSU - BS Applied Environmental Geosciences
- U of U - BS Mining Engineering
- UVU - BS Environmental Science & Management; AAS Wildland Fire Management
- SUU - BS Outdoor Recreation in Parks & Tourism--Public Lands Leadership & Management, Outdoor Education, Outdoor Recreation Tourism emphases
- DSU - BS Biology--Natural Sciences emphasis
- USU/E - BS Wildlife Ecology & Management
- SLCC - AS Environmental Geology
- SNOW - AAS Natural Resources