

BIOLOGIST

DEFINITION: Under general direction, performs professional technical, research and scientific work in biology, agriculture, or related natural resource management; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Performs research or other professional and scientific work or subordinate technical work in any of the fields of science concerned with living organisms, their distribution, characteristics life processes, adaptations and relations to the environment, the soil, its properties and distribution, and the living organisms growing in or on the soil, and the management, conservation, or utilization thereof for particular purposes or uses; studies the characteristics and life processes of microorganisms, the interrelationship among microorganisms, their relationships to other living forms, and their reactions to the environment in which they are found; works with protozoa, bacteria, algae, fungi, viruses, rickettsia, microscopic and submicroscopic forms.

Collects biological and microbiological samples for testing and analysis in water and waste media; maintains analytical quality assurance procedures to insure data validity; performs non-routine special projects; plans and carries out field investigation; evaluates sites and works with contract laboratories; ensures proficiency in utilizing methods to analyze environmental samples are in accordance with established and acceptable methods; selects and develops methodology for the detection of pollutant indicators and indexes for assessing the effects of pollutants; delivers presentation of reports at conferences, public hearings, and scientific conferences; prepares technical reports of analyses, laboratory evaluations, and inspections.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Knowledge of biological principles, theories, practices, and established methodology.
Knowledge of biological analysis and testing techniques.
Knowledge of testing of various biological analysis and testing of various living organisms.
Knowledge of laboratory equipment and their use.
Knowledge of the proper operation of laboratory equipment.
Skill in the operation of laboratory equipment.
Skill in performing laboratory procedures.
Skill in analysis of laboratory procedures.
Skill in applying results of laboratory procedures to everyday use.
Skill in analyzing data and drawing valid conclusions.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work involves efforts to ascertain acceptable levels of biological organisms for the environment; may require dealing with diverse working conditions while in the field.

MINIMUM QUALIFICATIONS:

- A Bachelor's degree in Biology, Environmental Biology, Natural Resources, Microbiology, Chemistry or closely related field; and three (3) years of professional experience in biology.

THE NAVAJO NATION

Class Code: 3245
Natural Resources and Parks Series
Biological Science Group
Overtime Code: Exempt
Pay Grade: 65

BIOLOGIST

PREFERRED QUALIFICATIONS:

- Two (2) years of experience performing field investigations, benthic resources assessments or the analysis of field data including wetland delineations.

SPECIAL REQUIREMENTS:

- Possess a valid state driver's license.
- Proficient in Microsoft Office software or other computer applications.

Supplemental Requirements:

Incumbent must obtain a Navajo Nation Vehicle Operator's Permit within 90 days of date of hire.

Depending upon the needs of the Nation, some incumbents may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.