



Biological Sciences Technologist

DEFINITION

This is specialized interpretive / technical work involved in the implementation of various departmental biological sciences programs and services.

Employees of this class conduct field, laboratory and services or program procedures within both field and laboratory settings. Employees are responsible to identify servicing problems and develop and provide recommendations for resolution. Work includes considerable interdepartmental / public contact in the explanation of services, to gather technical information as well as in the development of education materials, displays and programs.

TYPICAL DUTIES *

Prepares equipment and necessary instrumentation for specified field collections of a variety of biological specimens (i.e. zoological, botanical, entomological, environmental).

Collects a broad range of biological specimens from various habitats as a member of a field crew or individually in accordance with established procedures.

Performs field tests and surveys to obtain specialized data.

Completes varied statistical and qualitative analysis of data and technical reports associated with area of responsibility.

Performs taxonomy of specimens collected and maintains specimen collections according to scientific best practices.

Conducts research through various scientific resources and consults with external technical experts in the development of recommendations in response to findings.

Responds / communicates to public inquiries, providing general information pertaining to services, programs and educational materials.

Prepares a broad range of maps, graphs, charts and other illustrative material.

May oversee work of Biological Technical Assistants.

Other related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of scientific methodology, material and practices within the specific area of specialty.

Knowledge of techniques of control and growth of species related to the work assigned.

General knowledge of related legislation, regulations associated with scope of work.



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Knowledge of current literature, trends and developments.

Skill and ability to express ideas effectively, orally and in writing.

Ability to meet and deal effectively with the public, facility users, civic personnel and others.

Skill in the planning and presentation of nature/scientific programs and information.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

University graduation in the biological sciences with major course work in a particular area of specialization. Applicant(s) must possess a valid Alberta driver's license.

OR

Completion of a two year diploma in biological sciences or education equivalent and a minimum of two (2) years experience. Applicant(s) must possess a valid Alberta driver's license.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

BIOLOGICAL_SCIENCES_TECHNOLOGIST_ACTIVE

Salary Plan	<u>21M</u>	<u>21A</u>	<u>21B</u>	<u>21C</u>
Job Code	3324		3325	
Grade	036		017	

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