

## BIOLOGIST \*

### **Function of Job**

Under general supervision from faculty member (s) and/or other designated supervisor to perform biological research pertaining to the study of all forms of life and life processes, including biological analyses requiring an understanding of appropriate scientific principles and their practical application.

### **Characteristic Duties and Responsibilities:**

1. With responsibility for identifying individual compositions, conduct biochemical analyses of plant materials and/or animal tissues.
2. Evaluate physiological responses of plants and/or animals.
3. Initiate culture studies of plant and/or animal tissues.
4. Evaluate structure and composition of plants and/or animal tissues through transmission and scanning electron microscopy or other scientific methods.
5. Conduct field research as necessary and/or coordinate efforts of student field/laboratory research teams as assigned.
6. Exchange technical and scientific information with appropriate state agencies, commissions and other organizations/institutions.
7. With responsibility for identifying results of investigations, synthesize, analyze and evaluate data obtained using computer applications as appropriate.
8. Prepare scientific reports, graphs and/or charts reflecting results of research.
9. Explain and demonstrate principles underlying and techniques used in complex biological laboratory analyses and/or field research.
10. Due to expertise in specialized area such as limnology, may be assigned responsibility for managing and coordinating research project such as freshwater lakes monitoring.
11. Perform related duties as assigned.

### **Minimum Acceptable Qualifications:**

1. Master's degree in field of Biology or Botany appropriate to research being performed **or** Bachelor's degree in appropriate field of Biology and two years of related experience including data analysis and scientific writing.
2. Supervisory ability.

4/9/86

System Approval

4/9/86

Effective Date

**This document is a generic classification specification of the University System of New Hampshire. Its purpose is to describe the representative responsibilities and general level of complexity, and it is not a substitute for the specific job description of the individual position.**

\* Revised - Original approved 7/27/78.