



# COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

## FISHERIES BIOLOGIST IV

Job Number: 20001466

Job Code: 71640V161016

Job Group: 7100 - AGRICULTURAL AND WILDLIFE SCIENCE

Job Established: 06/16/1982

Job Revised: 10/16/2016

Grade: 16 Salary (MIN - MID):

\$21,870-\$28,972 - Hourly

\$3,553.88-\$4,707.96 - 37.5 Hr. Monthly Salary

\$3,790.80-\$5,021.82 - 40 Hr. Monthly Salary

**Special Entrance Rate:**

**NONE**

**NONE**

**NONE**

### **PROBATIONARY PERIOD:**

This job has an initial and promotional probationary period of 6 months. For additional information refer to: <http://www.lrc.ky.gov/kar/101/001/325.htm>.

**CHARACTERISTICS OF THE JOB:** *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Conducts all fishery management, research and development activities within an assigned area and/or performs independent specialized biological work relating to fishery resources and habitats; and performs other duties as assigned.

### **MINIMUM REQUIREMENTS:**

#### **EDUCATION:**

Graduate of a college or university with a bachelor's degree. Transcript review must indicate that the following course work has been earned at the undergraduate or graduate level:

1. Biological Sciences: 30 semester hours (45 quarter hours) in biological sciences. Four courses (12 semester or 18 quarter hours) must be in Fisheries and Aquatic Sciences; 6 of the 12 required semester hours must be directly related to fisheries science and at least one course (3 semester hours) must cover the principles of fisheries science and management. These courses may include fish management, ichthyology, aquaculture, fish ecology, principles of fisheries science, limnology, and stream ecology. The remaining hours can include other biological science courses such as biology, botany, and ecology. Examples of courses include biology, botany, ecology, cellular biology, fish management, ichthyology and limnology.
2. Physical Sciences: 15 semester hours (23 quarter hours) in physical sciences. Examples of courses are chemistry, physics, hydrology, astronomy, earth science and meteorology.
3. Mathematics and Statistics: 6 semester hours (9 quarter hours) in mathematics and statistics. Must include one calculus and one statistics OR two statistics courses.
4. Communications/Human Dimensions: 9 semester hours (13 quarter hours) in communications/human dimensions. Courses include verbal and writing courses that include public speaking, discussion, composition and technical writing. Up to 3 semester hours related to Master's thesis or PhD dissertation course work will count towards the 9 semester hour requirement. Human dimensions can include courses in areas of human personnel management, conflict resolution, socioeconomic and survey techniques.

#### **EXPERIENCE:**

Must have five years of professional experience in fishery research, fishery management and/or a related field.

**Substitute EDUCATION for EXPERIENCE:**

Certification by The American Fisheries Society at the Associate Fisheries Professional or Certified Fisheries Professional level will substitute for the course requirements. For additional information on The American Fisheries Society refer to [www.fisheries.org](http://www.fisheries.org). A master's degree in fishery management, fishery biology or a related field will substitute for one year of the required experience. A PhD degree in fishery management, fishery biology or a related field will substitute for two years of the required experience.

**Substitute EXPERIENCE for EDUCATION:**

NONE

**SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):**

Must possess a valid driver's license prior to appointment in this classification. Must maintain any required licensure(s), certification(s), or other credentials for the length of employment in this classification. Employing agency is responsible for ensuring employee possesses and maintains required licensure(s), certification(s) or other credentials.

**EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION:** *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Plans and develops research strategies and determines the relative abundance of standing fish crop, species composition, year-class strength and survival, mortality rates, age, growth and associated characteristics of fish populations. Makes management recommendations pertain to fish populations. Designs creel surveys and angler attitude surveys. Makes presentations on television and radio and to sportsmen's clubs and civic groups. Supervises departmental full time and interim personnel. Operates and maintains equipment such as pH meters, dissolved oxygen meters, electrofishing boxes, depth recorder, boats and motors. Prepares monthly, annual and final reports documenting results of research and management activities. Performs specialized program reviews relating to permits and other documents providing comments relative to the environmental impact on fish and wildlife resources.

**UNIQUE PHYSICAL REQUIREMENTS:**

Must be able to swim and traverse rough terrain to access streams and other fisheries. Must be able to place boat on and off trailer. Must be able to carry 25 lbs. of equipment several hundred yards.

**TYPICAL WORKING CONDITIONS:** *Incumbents in the job will typically perform their job duties under these conditions.*

Incumbents working in this job title spend a majority of time outdoors performing job duties.

**ADDITIONAL REQUIREMENTS:**

Upon appointment, employees in this class may be required to maintain a valid driver's license and required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary it will be listed in the specific position description for that position. Applicants and employees in this job title maybe required to submit to a drug screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

*THE COMMONWEALTH OF KENTUCKY DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, SEXUAL ORIENTATION OR GENDER IDENTITY, ANCESTRY, AGE, DISABILITY, POLITICAL AFFILIATION, GENETIC INFORMATION OR VETERAN STATUS IN ACCORDANCE WITH STATE AND FEDERAL LAWS.*