



# COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

## WILDLIFE BIOLOGIST IV

Job Number: 20001461

Job Code: 71540V161016

Job Group: 7100 - AGRICULTURAL AND WILDLIFE SCIENCE

Job Established: 06/16/1982

Job Revised: 10/16/2016

Grade: 16	Salary (MIN - MID):	<b>Special Entrance Rate:</b>
	\$21,870-\$28,972 - Hourly	<b>NONE</b>
	\$3,553.88-\$4,707.96 - 37.5 Hr. Monthly Salary	<b>NONE</b>
	\$3,790.80-\$5,021.82 - 40 Hr. Monthly Salary	<b>NONE</b>

### **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.pdf>.

### **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.*

Manages and conducts all wildlife or species specific development and restoration activities and coordinates or supervises professional and/or technical biological personnel involved in the management of wildlife resources and habitat within an assigned geographical area; and performs other duties as required.

### **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: 36 semester hours in biological sciences are required and must include courses in the following subcategories (Note: the sum of the hours required in subcategories is 33; the remaining 3 hours may be in any of these five subject areas): a. Wildlife Management: 6 semester hours (9 quarter hours) in courses emphasizing the principles and practices of wildlife management. b. Wildlife Biology: 6 semester hours (9 quarter hours) in courses in the biology and behavior of birds, mammals, reptiles and amphibians. c. Ecology: 3 semester hours (4.5 quarter hours) in courses in general plant or animal ecology. d. Zoology: 9 semester hours (13.5 quarter hours) in courses in the taxonomy, biology, behavior, physiology, anatomy and natural history of vertebrates and invertebrates. Courses in genetics, nutrition, physiology, disease and other biology or general zoology courses are accepted. Ichthyology or fisheries biology courses are accepted. e. Botany: 9 semester hours (13.5 quarter hours) in courses in general botany, plant genetics, plant morphology, plant physiology or plant taxonomy. 2. Physical Sciences: 9 semester hours (13.5 quarter hours) in physical sciences such as chemistry, physics, geology or soils, with at least 2 disciplines represented. 3. Quantitative Sciences: 9 semester hours (13.5 quarter hours) in quantitative sciences that must include: a. Basic Statistics: 3 semester hours (4.5 quarter hours) in basic statistics. b. Quantitative Sciences: 6 semester hours (9 quarter hours) in calculus, biometry, advanced algebra, systems analysis, mathematical modeling, sampling, computer science or other quantitative science. 4. Humanities and Social Sciences: 9 semester hours (13.5 quarter hours) in humanities and social sciences, such as economics, sociology, psychology, political science, government, history, literature or foreign language. 5. Communications: 12 semester hours (18 quarter hours) in courses designed to improve communication skills such as English composition, technical writing, journalism, public speaking or use of

mass media. A maximum of 3 semester hours (4.5 quarter hours) each will be allowed for a completed Master's thesis and Ph.D. dissertation. 6. Policy, Administration and Law: 6 semester hours (9 quarter hours) in courses that document significant content or focus on natural resource policy and/or administration, wildlife or environmental law or natural resource/land use planning will apply; as will courses that document contributions to the understanding of social, political and ethical decisions for wildlife or natural resource management.

#### **EXPERIENCE, TRAINING, OR SKILLS:**

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

#### **Substitute EDUCATION for EXPERIENCE:**

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

Conducts all or species specific wildlife surveys and studies within a geographic area. Provides technical assistance to all groups and landowners in planning wildlife habitat improvements. Serves as a departmental specialist in an area of wildlife biology. Operates biological check stations to determine the age, reproductive success and physical condition of wildlife harvested by hunters. Manages wildlife areas or specific species which includes planning wildlife management practices, preparing short and long-term plans, preparing annual reports and coordinating activities with the landowners. May supervise the work of wildlife personnel. Plans and obtains bids and prepares contracts for mowing woodland openings, sharecropping and maintaining access roads. Investigates sightings of rare or endangered species and instances of wildlife disease. Assists in wildlife stocking activities. Maintains records of work performed as required by federal aid program. Prepares reports of survey and development activities. Traps wildlife for identification purposes.

#### **UNIQUE PHYSICAL REQUIREMENTS:**

Must be able to carry 25 lbs. of equipment several hundred yards. Must be able to run, climb or otherwise protect self from wildlife such as elk and bear. Must be able to traverse rough and mountainous terrain with equipment.

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

Spends majority of time outdoors. Must be able to traverse rough and mountainous terrain with equipment.

#### **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.*