

**TENNESSEE WILDLIFE RESOURCES AGENCY
EDUCATION REQUIREMENTS FOR
WILDLIFE OFFICER 1 AND WILDLIFE MANAGER 1**

Basic B.S. Wildlife Degrees (Top Tier):

1. Wildlife or Fisheries Management
2. Wildlife or Fisheries Biology
3. Natural Resources Management

The following related B.S. degrees will be acceptable if the applicant's college transcript reflects that the individual has successfully completed at least thirty (30) quarter hours or twenty (20) semester hours of wildlife related coursework (Lower Tier):

1. General Zoology
2. General Biology
3. Forestry
4. Ecology
5. Vertebrate Biology or Vertebrate Zoology
6. Agriculture
7. Agricultural Science
8. Animal Science

The following courses will be acceptable as meeting the minimum hours as stated in the above paragraphs, however, this list is not all inclusive:

Wildlife and Fisheries Science Courses

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| a. Current Events in Wildlife | h. Wildlife Diseases |
| b. Wildlife Management | i. Biopolitics |
| c. Wildlife Law Enforcement | j. Aquatic Microbiology |
| d. Game Mammals | k. Farm Pond Management |
| e. Game Birds | l. Animal Nutrition |
| f. Fish Populations | m. Fish Management Techniques |
| g. Fish Management | |

Zoology Courses (Specific to the Natural Resource field)

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| a. Ichthyology | k. Aquaculture |
| b. Mammalogy | l. Animal Physiology |
| c. Ornithology | m. Vertebrate Anatomy |
| d. Herpetology | n. Animal Taxonomy |
| e. Vertebrate Zoology | o. Wildlife Population Dynamics |
| f. Invertebrate Zoology | p. Water Bacteriology |
| g. Parasitology | q. Aquatic Insects |
| h. Ethology | r. Aquatic Plants |
| i. Comparative Anatomy | s. Phycology |
| j. Limnology | |

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(continued from other side)

Ecology Courses

- a. Wildlife Ecology
- b. Field Techniques in Ecology
- c. Forest Ecology
- d. Aquatic Ecology
- e. Watershed Management

Biological Sciences (Advanced Courses)

- a. Genetics
- b. Field Botany (Plant Identification)
- c. Dendrology (Woody Plant Identification)
- d. Basic Soils and Forest Soils
- e. Plant Taxonomy
- f. Silviculture
- g. Plant Physiology
- h. Plant Pathology
- i. Mensuration
- j. General Taxonomy

Math (Specific to the study of Animal Populations)

- a. Biometry
- b. Wildlife Statistics

Special Subjects

- a. Special Problems in Wildlife Management
- b. Special Problems in Wildlife Biology or Wildlife Related Problems in Zoology
- c. Thesis (Wildlife oriented)
- d. Wildlife Techniques, Biological Instrumentation
- e. Seminars in Wildlife Management
- f. Technical Report Writing
- g. Pollution