

Veterinary Medicine Pre-Professional Wildlife Track

Career Opportunities

Veterinary medicine is a versatile and vital profession with appeal for those interested in both animals and medicine. New horizons are constantly appearing. The increasing human population requires more and more food-producing animals which must be maintained disease free. Our increased interest in ecology finds veterinary medicine also uniquely qualified to serve other animals in man's environment, including zoo animals, pets and wild animals.

Veterinary medicine plays a vital role in research. More than 100 infectious diseases are transmissible between animals and man, while more than 250 diseases and abnormalities of man have counterparts in animals, including man's greatest killers - - cancer, heart disease and the infirmities of old age.

While approximately two-thirds of America's veterinarians are in private, general practice, the remaining one-third are involved in a wide variety of careers essential to the support of human health and welfare. These supporting roles are increasingly attractive to students interested in the veterinary medicine profession. Women are entering the profession in increasing numbers, and many opportunities are available for minority students interested in useful and rewarding career.

The College of Agriculture and Applied Sciences offers a three-year program which is basic to the degree of Veterinary Medicine (DVM); after completion of this program, students may apply for admission to The University of Tennessee College of Veterinary Medicine at Knoxville or other professional schools of veterinary medicine.

Courses Offered

The curriculum is designed to qualify students for admission to the College of Veterinary Medicine at UT Knoxville or veterinary college of their choice, subject to their residency requirements. Students who wish to enroll in the College of Veterinary Medicine at UT Knoxville or other veterinary college must:

- Complete the curriculum described in this leaflet.
- Successfully complete the Veterinary College Admission Test (VCAT).
- Successfully complete an interview with the veterinary college of their choice.

Students may complete their pre-professional requirements in one of the following ways:

- Complete (as a minimum) courses on the other side of this leaflet (3 years).
- Complete the courses in this leaflet and additional courses to satisfy a B.S. degree in natural resources management (wildlife biology). This requires a total of four years.
- Complete the courses in this leaflet; enroll in the College of Veterinary Medicine at UT Knoxville; and complete the fourth year of a B.S. degree in natural resources management (wildlife biology) at UT Martin while completing the first year of the veterinary medicine program at UT Knoxville. This way the first year at Knoxville counts toward two degree programs - - B.S. at UT Martin and DVM at UT Knoxville.

Facilities

A nearby 700-acre UT Martin Agricultural Field Teaching/Demonstration Complex is available for research, teaching, and demonstration. Modern agricultural laboratories and classrooms are located in Brehm Hall and the Ned R. McWherter Agricultural Complex. The student is taught to use the computer, and numerous computer facilities are available for the student's convenience. In some cases, field trips are made to nearby industries and farms to learn their operating procedures.

The University of Tennessee at Martin
Department of Agriculture, Geosciences, and Natural Resources

**PRE-VETERINARY MEDICINE
WILDLIFE BIOLOGY TRACK**

(Major code 1135-WBIO)

Program Description: www.utm.edu/majors

University Wide Fine Arts & Aesthetics – 3 hrs

Requirement

- Choose 1 course from ART 110; ARTH 210, 211; DANC 110; MUS 111, 112, 113; THEA 110, 111 (3 hrs)

**Vet Medicine-Wildlife Biology Biological & Physical Sciences
– 24 hrs**

Requirement

- BIOL 130 (4 hrs)
- BIOL 140 (4 hrs)
- CHEM 111 (4 hrs)
- CHEM 112 (4 hrs)
- PHYS 211 (4 hrs)
- PHYS 212 (4 hrs)

University Wide Communication – 9 hrs

Students who place in ENGL 100, will use ENGL 110 instead of ENGL 111 in the ENGL sequence.

Requirement

- ENGL 111 (3 hrs) (Min C grade)
- ENGL 112 (3 hrs) (Min C grade)
- COMM 230 (3 hrs)

University Wide Humanities – 9 hrs

Requirement

- Choose 3 courses from ENGL 250, 251, 260, 261, 270, 271; FREN 250; GERM 250; HIST 121, 122, 201, 202; HONR 111; PHIL 110, 120, 130, 160; SPAN 250 (9 hrs)

Wildlife Science – Wildlife Biology Mathematics – 3 hrs

The six additional hours beyond University Wide General Education are required by the concentration.

Requirement

- MATH 140 or 185 (3 hrs)

2)

University Wide Social & Behavior Science– 6 hrs

Requirement

- Choose 2 courses from AGRI 295; ECON 100, 201, 202 ENGR 100; GEOG 151, 152, 202; IDST 201; NRM 101; POSC 210; PSYC 110, 120; SWRK 220; SOC 201, 202; HLTH 111; HONR 112 (6 hrs)

Wildlife Biology Core – 15 hrs

Requirement

- AGET 220 (3 hrs)
- BIOL 331 (3 hrs)
- NRM 210 (3 hrs)
- NRM 390 (2 hrs)
- SOIL 210 (4 hrs)

Vet Medicine-Wildlife Biology Major Courses– 36 hrs

Students wishing to obtain the BSNRM (Wildlife Science Option) should refer to the catalog and advisor to ensure that all additional requirements are met.

Requirement

- BCHE 411 (3 hrs)
- BCHE 412 (3 hrs)
- BIOL 336 (3 hrs)
- BIOL 337 or 436 (3 hrs)
- BOT 303 (3 hrs)
- CHEM 341 (4 hrs)
- CHEM 342 (4 hrs)
- PLSC 341 or NRM 410 (3 hrs)
- WBIO 250 (3 hrs)
- Choose 3 hours from ZOO 319, 320, 321
- ZOO 441 (3 hrs)
- ZOO 442 (1 hr)

UTK College of Veterinary Medicine –15 hrs

Appropriate courses from the 1st year of academic study will be accepted toward fulfillment of the minimum 120 semester hour graduation requirement.

Requirement

- VTMD (15 hrs) (Min C Grade)

Residency Requirement –23 hrs

This degree requires 30 upper division hours. UT Martin residency requirement requires that 75% of these hours be taken at UT Martin. SACS requires 25% of all degree hours be taken at UT Martin.

Requirement

- 75% of degree's upper division work must be taken at UT Martin (23 hrs)

