The University of Tennessee at Martin
Bachelor of Science in Agriculture (with a major in General Agriculture)
Animal Science Concentration
Veterinary Health Technology Option (program 1129)

Overview
The University of Tennessee at Martin’s Department of Agriculture, Geosciences, and Natural Resources is offering an exceptional hands-on learning opportunity in the area of Veterinary Health Technology (VHT). The university worked closely with AVMA to receive initial accreditation in 2014.

Students should take as many math and science (biology and chemistry) classes as possible in high school. These are important in preparing for a career in veterinary health technology. Some high schools offer classes called “dual credit” or “AP”. Many of these will transfer in as college credits, but course offering vary in different places. It would be best to discuss these options with high school guidance counselors.

Career Opportunities
Potential careers for veterinary health technologists include clinical practice, state and federal government, research positions, pharmaceutical sales, zoological positions, and many more. This is a growing field with many job opportunities. The VHT option opens many more doors for graduating students and employment advancement.

Facilities
UT Martin has a large 700-acre teaching farm with beef cattle, horses, goats, and swine, plus a fully functional companion animal (dog and cat) laboratory and teaching facility. The primary purposes of the farm are teaching, research, and demonstration. Students have numerous opportunities to work with the animals in classes and laboratories throughout their undergraduate education. The university also maintains an Animal Diagnostic and Disease laboratory, which is used to perform necropsies and diagnostics for producers in West Tennessee. There are four full time Doctors of Veterinary Medicine (DVM) on staff and four full time licensed veterinary health technologists (LVHT). All of these resources are used to provide many hand-on learning opportunities for students.

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Email: wtotten@utm.edu
B.S. in Agriculture – Animal Science Concentration – Vet Health Tech Option (1129)
Course Requirements for 2018-2019

Fine Arts (3 hours) Select One
- ART 110 Understanding Visual Arts __/3
- ARTH 210 The History of Art __/3
- ARTH 211 The History of Art __/3
- DANC 110 Understanding Dance __/3
- MUS 111 Masterpieces of Music __/3
- MUS 112 Music in Our Time __/3
- MUS 113 Western Masterpieces __/3
- MUS 114 Historical Survey of Jazz __/3
- MUS 115 Music for the Masses __/3
- THEA 110 Understanding Theatre __/3
- THEA 111 Understanding Theatre __/3

Biological & Physical Systems (16 hours)
- BIOL 130 Foundations of Biology: Ecology & Diversity __/4
- BIOL 140 Foundations of Biology: Cell & Molecular __/4

Choose one sequence
- CHEM 111 Intro to Chemistry I: General & Inorganic __/4
- CHEM 121 General Chemistry __/4
- CHEM 112 Intro to Chemistry II: Organic & Biochemistry __/4
- CHEM 122 General Chemistry __/4

Communication (9 hours)
- ENGL 111 English Composition (Must earn a C or better) __/3
- ENGL 112 English Composition (Must earn a C or better) __/3
- COMM 230 Public Speaking __/3

Humanities (9 hours) Select three
- ENGL 250 British Literature __/3
- ENGL 251 British Literature __/3
- ENGL 260 American Literature __/3
- ENGL 261 American Literature __/3
- ENGL 270 World Literature __/3
- ENGL 271 World Literature __/3
- FREN 250 France Today __/3
- GERM 250 Germany Today __/3
- HIST 121 World Civilization I __/3
- HIST 122 World Civilization II __/3
- HIST 201 History of the U.S. I __/3
- HIST 202 History of the U.S. II __/3
- PHIL 110 Adventure of Ideas: Historical __/3
- PHIL 120 Adventure of Ideas: Contemporary __/3
- PHIL 130 Ethics and Race __/3
- PHIL 160 Exploring Ethics __/3
- SPAN 250 Latin America Today __/3

Mathematics (6 hours)
- MATH 210 Elementary Statistics & Probability __/3

Select one
- MATH 140 College Algebra & Elementary Function __/3
- MATH 160 Calculus for Business & Life Sciences __/3
- MATH 185 Precalculus __/5
- MATH 251 Calculus I __/3

Social & Behavioral Sciences (6 hours) Select Two
- ANSC 270 Animal Welfare & Ethics __/3
- ECON 100 American Enterprise System __/3
- ECON 201 Principles of Macroeconomics __/3
- ECON 202 Principles of Microeconomics __/3
- ENGR 100 Society & Technology __/3
- GEOG 151 Intro: Regional Geography __/3
- GEOG 152 Intro: Regional Geography __/3
- GEOG 202 Intro: Cultural Geography __/3
- HLTH 111 Principles & Concepts in Personal Health __/3
- IDST 201 Intro: Women’s Studies __/3
- NRM 101 Wildlife, Conservation, & Environmental Issues __/3

NRM 250 Global Perspectives in Natural Resource __/3
- NUTR 100 Introductory Nutrition __/3
- POSC 210 American Government & Politics __/3
- POSC 220 American Political Institutions & Policy __/3
- POSC 230 Intro: World Politics __/3
- PSYC 101 Intro: Psychology __/3
- SWRK 220 Understanding Human Diversity __/3
- SOC 201 General Sociology __/3
- SOC 202 Social Problems __/3

Animal Science Concentration Core (10 hours)
- ANSC 110 Introduction to Animal Science __/3
- AGEC 110 Introduction to Agricultural Business __/3
- ANSC 119 Introduction to Animal Science Lab __/3
- MBOI 251 General Bacteriology __/4
- VET 200 Introduction to Veterinary Technology __/2
- VET 300 Vet Tech Medical Terminology __/2
- VET 310 Vet Tech Advanced Lab Sciences __/3
- VET 320 Vet Tech Lab Animals, Exotics, & Pocket Pets __/3
- VET 330 Vet Tech Diagnostic Imaging __/3
- VET 340 Vet Tech Animal Nursing __/3
- VET 350 Vet Tech Parasitology __/3
- VET 400 Vet Tech Pharmacology __/4
- VET 410 Vet Tech Hematology & Clinical Chemistry __/3
- VET 420 Vet Tech Surgery, Anesthesia, & Dentistry __/4
- VET 480 Capstone in Vet Tech __/3
- VET 490 Internship in Animal Technology __/3

Animal Science (Choose 14 hours)
- ANSC 210 Introduction to Horse Science __/3
- ANSC 230 Exotic & Companion Animal Management __/3
- ANSC 231 Companion Animal Lab __/1
- ANSC 260 Behavior of Farm & Companion Animals __/3
- ANSC 270 Animal Welfare & Ethics __/3
- ANSC 320 Farm Animal Health __/3
- ANSC 211 Horse Science Lab __/1
- ANSC 351 Animal Nutrition Lab __/1
- ANSC 374 Applied Animal Reproduction Lab __/1

Vet Health Tech Major Courses (61 hours)
- ANSC 350 Animal Nutrition __/3
- ANSC 371 Anatomy & Physiology of Domestic Animals __/4
- ANSC 372 Applied Animal Reproduction __/3
- VET 202 Introduction to Veterinary Technology __/2
- VET 300 Vet Tech Medical Terminology __/2
- VET 310 Vet Tech Advanced Lab Sciences __/3
- VET 320 Vet Tech Lab Animals, Exotics, & Pocket Pets __/3
- VET 330 Vet Tech Diagnostic Imaging __/3
- VET 340 Vet Tech Animal Nursing __/3
- VET 350 Vet Tech Parasitology __/3
- VET 400 Vet Tech Pharmacology __/4
- VET 410 Vet Tech Hematology & Clinical Chemistry __/3
- VET 420 Vet Tech Surgery, Anesthesia, & Dentistry __/4
- VET 480 Capstone in Vet Tech __/3
- VET 490 Internship in Animal Technology __/3
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122 total hours because of the General Studies class

Option Code 1129