

Ph.D. in Veterinary Medicine Theory, Minor in Faith-Based Animal Welfare HBIU University

Course Duration: 3 years

Credit Hours: 105 (including minor)



Program Description

The Ph.D. in Veterinary Medicine Theory at HBIU University provides students with an advanced understanding of animal health, veterinary ethics, disease prevention, and scientific research in veterinary medicine. This program emphasizes clinical theory, epidemiology, and public health perspectives in animal care.

The Minor in Faith-Based Animal Welfare explores the ethical treatment of animals, religious perspectives on stewardship, and humane veterinary practices. Students will analyze how faith traditions advocate for animal protection, ethical farming, and conservation.

Admissions Requirements

- Master's degree in a relevant field
- Minimum GPA of 3.0
- GRE scores (if applicable)
- Statement of Purpose (1,000-1,500 words) outlining research interests
- Three letters of recommendation
- Academic writing sample
- Curriculum Vitae (CV) or resume
- Interview with faculty (if required)

General Education Courses (30 Credit Hours)

Course Code	Course Name	Credit Hours
VMT 701	Advanced Veterinary Physiology	3
VMT 702	Veterinary Epidemiology and Public Health	3
VMT 703	Immunology and Infectious Diseases	3
VMT 704	Animal Genetics and Breeding	3
VMT 705	Pathophysiology of Animal Diseases	3
VMT 706	Advanced Pharmacology in Veterinary Medicine	3
VMT 707	One Health and Zoonotic Disease Control	3
VMT 708	Veterinary Diagnostic Techniques	3
VMT 709	Ethical Issues in Animal Testing	3
VMT 710	Research Methods in Veterinary Medicine	3

Core Foundational Courses (23 Credit Hours)

Course Code	Course Name	Credit Hours
VMT 801	Advanced Comparative Anatomy	3

VMT 802	Veterinary Microbiology	3
VMT 803	Sustainable Veterinary Practices	3
VMT 804	Large Animal Medicine	3
VMT 805	Companion Animal Medicine	3
VMT 806	Veterinary Oncology and Surgery	3
VMT 807	Regulatory Affairs in Animal Health	3
VMT 808	Livestock Production and Welfare	3
VMT 809	Veterinary Public Health Policy	3
VMT 810	Emerging Veterinary Diseases	3
VMT 811	Animal Welfare Science	3
VMT 812	The Role of Faith in Animal Protection	3
VMT 813	Ethics in Veterinary Research	3
VMT 814	Animal Rights and Religious Perspectives	3
VMT 815	Global Veterinary Medicine and Conservation	3

Minor in Faith-Based Ocean Conservation (15 Credit Hours)

Course Code	Course Name	Credit Hours
FBAW 901	Religious Perspectives on Animal Stewardship	3
FBAW 902	Ethical Farming and Sustainable Livestock Practices	3
FBAW 903	Humane Treatment of Animals in Veterinary Medicine	3
FBAW 904	Conservation Biology and Faith-Based Advocacy	3
FBAW 905	Animal Welfare in Sacred Texts and Traditions	3

Dissertation Research & Defense (15 Credit Hours)

Students must complete a doctoral dissertation related to Veterinary Medicine Theory and Faith-Based Animal Welfare. This includes:

- Develop a research proposal focusing on veterinary public health, ethical animal treatment, or faith-driven conservation.
- Conducting original research in the field of veterinary medicine or animal welfare advocacy.
- Writing a dissertation aligned with sustainable animal care and veterinary ethics.
- Successfully defending the dissertation before a faculty committee.

Program Outcomes

Graduates of this program will:

- Gain expertise in veterinary epidemiology, public health, and animal care management.
- Integrate faith-based perspectives into ethical animal treatment and conservation efforts.
- Apply scientific research and regulatory policies to improve veterinary health standards.
- Conduct original studies on the intersection of animal welfare, faith, and veterinary medicine.
- Develop sustainable and humane animal care practices.

Career Outcomes and Potential Pay Scale

Career Path	Average Salary (Annual)
Veterinary Research Scientist	\$80,000 - \$140,000
Animal Welfare Policy Specialist	\$75,000 - \$130,000
Livestock and Animal Health Consultant	\$85,000 - \$145,000
Conservation Biologist	\$80,000 - \$140,000
Faith-Based Animal Protection Advocate	\$65,000 - \$110,000