

Veterinary Medicine, DVM

Department: Animal, Dairy, and Veterinary Sciences Department

College: College of Agriculture and Applied Sciences

Overview

About This Degree

The doctor of veterinary medicine is a joint program between Utah State University and Washington State University's College of Veterinary Medicine. The DVM is awarded by Washington State University.

The program operates under WSU's American Veterinary Medical Association accreditation. The joint program accepts 20 students from Utah and 10 nonresident students per year. Students spend their first two years receiving pre-clinical training at USU's Logan campus. They spend the final two years at WSU's College of Veterinary Medicine in Pullman, Washington, completing the clinical portion of their veterinary education.

USU's School of Veterinary Medicine has dedicated, internationally recognized faculty members and state-of-the-art teaching, animal, and research facilities. WSU's College of Veterinary Medicine is one of the nation's top veterinary schools. It has one of the best-equipped teaching hospitals in the world and distinguished faculty members who are recognized as leaders in the field and respected worldwide.

USU has access to lab facilities and equipment, allowing research in animal reproduction, nutrition, and disease. Its Center for Integrated Biosystems was the first to clone a hybrid animal and has been recognized for its cloning expertise twice by *Popular Science* magazine.

Career Options

Upon completion of the DVM, graduates are qualified to practice veterinary medicine. There is a widespread need for veterinarians across the country, including much of Utah. While graduates can practice a variety of veterinary medicine, there is a particular need in rural areas and for large animal veterinarians.

What it takes

Admissions Requirements

Students who graduate from USU with an undergraduate degree in bioveterinary science meet all prerequisites for application to veterinary school. Students from other majors or other universities must take the following prerequisites:

- Biology with lab – 8 credits
- Inorganic chemistry with lab – 8 credits
- Organic chemistry – 4 credits
- Genetics – 4 credits
- Biochemistry – 3 credits
- Physics with lab – 4 credits
- Statistics (methods) – 3 credits
- Math (pre-calculus or higher) – 3 credits

Application Requirements:

- Complete the [online application](#) through the Veterinary Medical College Application Service
- Indicate that you are applying to USU/WSU DVM Program or the WSU College of Veterinary Medicine on your VMCAS application
- Complete the online USU/WSU supplemental application, which is accessed through the WSU College of Veterinary Medicine website
- Pay the \$60 supplemental application/processing fee
- While there is no minimum score required on the GRE, the average score of successful applicants is usually around 1100

Admissions Deadlines

The program has the following deadline:

- Fall semester – October 1

Financial Assistance

Utah residents pay in-state USU tuition for all four years of the program. Nonresident students pay out-of-state USU tuition for all four years of the program. At this time, there is no additional financial assistance.

Program Requirements

[Click here](#) to see course requirements for the **Doctor of Veterinary Medicine**.

Contact

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Get Involved

Professional Organizations, Honor Societies, and Clubs

American Dairy Science Association: ADSA is an organization committed to sustaining and increasing the global dairy industry through the generation, dissemination, and exchange of information and services.

American Society of Animal Science: ASAS is a professional society for animal scientists interested in promoting new ideas and interacting widely with the broad spectrum of animal science professionals.

International Embryo Transfer Society: IETS and its missions provide access to the most current research and clinical procedures associated with the follicle, ovulation, superovulation, gonadotropins, the embryo, the oocyte, the sperm cell, IVF, IVM, embryonic developmental stages, oocyte cryopreservation, lactation, and embryo transfer/cloning.

Society for the Study of Reproduction: SSR is a group of scientists who share an interest in reproductive biology.

Labs, Centers, Research

Animal Science Farm: The Animal Science Farm provides facilities for cattle, sheep, swine, and horses. Facilities also include a home for the farm manager, a pavilion for teaching and Cooperative Extension activities, and handling facilities for the various species of livestock.

Caine Dairy Center: The Caine Dairy Center is considered one of the nation's most modern dairy research facilities. The center features a state-of-the-art milking parlor, a heated pavilion for judging cows and teaching, a 60-cowtie stall barn, a feed preparation and behavior research area, and a feeding research unit for 72 cows in loose housing, which has eight stalls for research involving fistulated or catheterized animals. There is also outdoor cow housing with a capacity of 128 animals, which is equipped with meteorological instruments for continuous recording of climatic data. Additionally, the center features heifer and dry cow housing, individual, portable calf housing hutches, and a waste-handling system and lagoons.

Center for Integrated BioSystems: The CIB leads a progressive, interdisciplinary effort in research, core services, and education serving agriculture and life sciences. The CIB is where the first hybrid animal, a mule, was cloned, and was named one of "30 Awesome College Labs" by Popular Science magazine. The CIB has a research program with several active projects in diverse areas of life science that encompass plant, animal, and microbe functional genomics.

Equine Education Center: This modern equine facility accommodates 40 head of horses with two tack rooms, wash racks, feed rooms, two classrooms, and office space that provides a working environment experience. Large indoor and outdoor arenas accommodate more classes, Extension events, and horse shows and clinics. A breeding barn will be a part of the new facility, as donations allow for its eventual completion, to provide students with experience in handling stallions, collecting and evaluating semen, teasing and inseminating mares, and foaling.

Institute for Antiviral Research: The IAR is comprised of a recognized team of scientists representing a spectrum of disciplines, who are researching ways to control viral diseases. The IAR has been involved with the pre-clinical development of several FDA-approved drugs, including Tamiflu, which was recently used to combat H1N1. The main areas of emphasis are respiratory diseases such as influenza and infections caused by emerging viruses, including West Nile virus.

Laboratory Animal Research Center: The LARC is a controlled laboratory that utilizes animals in teaching and research. The proper care of animals is of utmost importance as it relates to the effectiveness of research and the safety of the animals and researchers.

Matthew Hillyard Agricultural Research and Teaching Center: This center provides teaching, research, Cooperative Extension, and professional service to support the animal industries of Utah, the surrounding region, the nation, and the international community. The facility features a veterinary clinic, a teaching laboratory, and a harvest facility.

North Logan Farm: The North Logan Farm facility consists of land, equipment, buildings, and animals (beef and dairy cattle, sheep, goats, horses, and mink) that are used for research, teaching, service, and animal husbandry activities.

USDA ARS Poisonous Plant Research Laboratory: The Poisonous Plant Research Laboratory identifies toxic plants, and its interdisciplinary teams of chemists, geneticists, pathologists, physiologists, plant and range scientists, toxicologists and veterinarians provide an interdisciplinary approach of applied and basic research to develop solutions to intoxication.

Utah Agricultural Experiment Station: The UAES is part of a network of researchers and facilities at the nation's land-grant universities and is committed to improving agriculture and managing natural resources for the people of Utah. At research facilities on the USU campus and throughout the state, UAES supports hundreds of research projects that promote agriculture and human nutrition and enhance the quality of rural life.

Utah Veterinary Diagnostic Laboratory: The UVDL is a cooperative effort by USU and Utah Department of Agriculture and Food. The laboratory provides timely, in-depth, cost-efficient, veterinary diagnostic services to safeguard animal health, protect the agricultural economy, and shield the public against diseases transmissible from animals to humans.

Veterinary Diagnostics and Infectious Disease Research Group: VDID draws on the strength of USU's College of Agriculture to tackle a \$1-billion-a-year market in the United States for animal disease screening and diagnostics.