Master of Science Degree. Applicants with an earned bachelor’s (AB or BS) degree in sciences are eligible for consideration for admission to MS studies in the basic sciences; however, a DVM or equivalent degree is required for MS studies in the clinical sciences. The MS may be earned with 30 credit hours beyond a bachelor degree or 21 hours beyond the Doctor of Veterinary Medicine (DVM) or equivalent degrees. The plan of study is designed to meet the student's needs and interests and typically includes courses in molecular and cell biology, pathophysiology, statistics, seminar and electives. The student must also pass a final oral examination covering their thesis and related course work. The MS degree in VBSC prepares graduates for careers in industrial, governmental, or academic technical, regulatory or research positions.

Doctor of Philosophy Degree. Applicants with an earned BS or MS degrees in science or DVM (or equivalent) degrees are eligible for consideration for admission to PhD studies. The PhD requires a total of 90 credit hours beyond the bachelor's degree or 60 hours beyond the MS or DVM degree, including up to 45 credit hours for research and dissertation. The plan of study is designed to meet the student's needs and interests and includes courses in molecular and cell biology, pathophysiology, statistics, seminar and electives. Written and oral qualifying examinations are required. Students must prepare a research proposal and complete and defend a dissertation based on original research. The PhD degree in VBSC prepares graduates for careers in industrial, governmental, or academic technical, regulatory or research positions.

DVM-MS or DVM-PhD Degree. Applicants desiring to pursue graduate degree studies in combination with studies for the DVM degree can do so by first applying for admission to the DVM program. Once admitted to the DVM program, students can apply for admission to the VBSC graduate program. Typically, the DVM studies are completed first, while graduate studies courses and research can be taken during summer semesters and as electives during DVM studies. Matriculation of graduate studies typically requires one to three years post-DVM.

Veterinary Medical Residency and MS or PhD Degrees. Veterinarians seeking to complete residency training and a graduate degree can do so by first applying for CVHS residency programs. Residency programs in clinical medicine and surgery are offered through the Department of Veterinary Clinical Sciences, and those in pathology are offered through the Department of Veterinary Pathobiology. Once selected for a CVHS residency program, residents can in consultation with their residency section chief and apply for admission to the

VBSC graduate program. Typically, resident-MS or resident-PhD students complete coursework requirements during the initial part of their residency and complete thesis research during the latter part of their residency with resident-MS students matriculating in phase with completion of their residency, whereas resident-PhD students typically require one to two additional years post-residency to complete their degrees.