High School Preparation
Preparation for a career in veterinary medicine includes understanding the profession. Volunteering or working with a veterinarian is essential. Students should develop emotional maturity and become aware of how medical decisions include patient, client and financial issues. Professionalism and ethics are fundamental for veterinarians. Although the OSU DVM Program does not use an applicant's high school information to determine eligibility, K-12 students are strongly encouraged to take advanced placement math and science classes to prepare for more difficult college level coursework.

Admission and Application Requirements
Earning a DVM degree requires dedication and hard work, but the rewards are returned for a lifetime. In general, students must complete three to four years of pre-veterinary undergraduate coursework followed by four years of a professional veterinary medical program.

Students may choose any accredited college/university to complete their pre-veterinary coursework, however, choosing a major related to the student's interest in science and animals is wise. The College requires all applicants to be within 1 year of completing specific required courses to be eligible for application. Other factors can contribute to an applicant's eligibility for application to the Oklahoma State University DVM Program. Visit the DVM Program Eligibility website for a list of required courses and eligibility requirements.

Early Admission Program
Students pursuing careers in the health sciences often make their career decision prior to undergraduate enrollment through the Early Admission Program. The goal of the Early Admission Program is to aid pre-veterinary students with strong academic ability and guide them in their pursuit of a veterinary medical career. The Early Admission Program strives to provide direction, mentorship, and provisional admission for students with superior academic achievement and interpersonal skills that are well-suited to the missions of the veterinary profession. The program is open to all incoming true college freshmen attending a 4-year institution within the state of Oklahoma.

Scholarships
The College has a variety of scholarships available to currently enrolled veterinary medical students. The scholarship application portal opens at the end of the fall semester.

Selection Factors
The Admissions Committee seeks to admit students with excellent records of academic achievement, in addition to backgrounds that help predict potential success in a variety of veterinary medical careers. Because the veterinary medical profession is constantly changing, the faculty supports the concept of achieving diversity in each entering class. The College of Veterinary Medicine typically admits 106 students annually of which 58 are Oklahoma residents and 48 are out-of-state.

In selecting applicants for admission, the Admissions Committee will consider both quantitative (grade point averages, course load, and standardized test scores) and qualitative factors (veterinary experience, background, personal statement, and letters of recommendation).

The CVM requires a minimum of three letters of recommendation, one of which must come from a veterinarian. Strong applications will include
letters of recommendation from individuals who have had recent working
or mentorship experiences with the applicant.

An out-of-state applicant’s qualitative score is based on their application
materials evaluated by members of the Admissions Committee. An in-
state applicant’s qualitative score is also based on their application
materials in addition to a personal interview conducted by members
of the Admissions Committee. Interviews are administered to in-state
applicants by invitation only and not automatically granted. Personal
interviews are not available for out-of-state applicants.

**College Curriculum**

The DVM curriculum prepares students for a wide variety of careers. It
emphasizes educating general practitioners and prepares students
for nonpractice careers as well. The curriculum is built on a culture
of scholarship that has led to an excellent reputation for educating
students not only to be ready to enter practice but to become successful
veterinarians.

The DVM curriculum is integrated across departments with a systems-
based approach rather than topic-based. The college teaches all animal
species. Students may pursue their area of interest through elective
courses starting in their second year and can continue through their
fourth. These electives include opportunities to focus on animal species
interests, discipline interests and research. The teaching style includes
lecture and small to large group case discussion formats. Hands-on
animal experiences are emphasized beginning in a student’s first year of
the program. The 4th year of the program is a mixture of required hospital
rotations and electives including off-campus experiences. Students
are encouraged to take externships in private practice, referral centers,
specialty practices, government laboratories, zoos, or other facilities to
expand their experience of the realities of the diverse careers available to
them.

**Graduate Program**

**Comparative Biomedical Sciences**

Jerry R. Malayer, PhD—Professor and Senior Associate Dean for Research
and Graduate Education

The comparative biomedical sciences (CBSC) graduate program is a
multidisciplinary program intended to provide students with a broad base
of research areas to address individual student interests. The program
is administered within the College of Veterinary Medicine but may involve
faculty from other colleges. Programs of research and study leading to
the degrees of Master of Science and Doctor of Philosophy are available
within the broad areas of focus: infectious diseases, pathobiology, and
physiological sciences. The program is designed to prepare individuals
for careers in teaching and research, and specialization is possible within
each area dependent upon student and faculty interests and available
funding.

Current areas of research focus include molecular, cell and developmental
biology, clinical sciences (including laser applications and oncology);
infectious and parasitic diseases (including vector-borne diseases,
bacterial and viral diseases in wild and domestic animals); pathobiology;
and toxicology. Faculty and their specific areas of interest are
available through the graduate coordinator (cbsc@okstate.edu
(vbsc@okstate.edu)) or online at https://vetmed.okstate.edu/

**Prerequisites**

Candidates for admission must possess a bachelor’s degree or
equivalent, with a background in biological or physical sciences. Although
there are no absolute performance level requirements, applicants
with GPAs of 3.0 (out of 4.0) or greater, will receive the strongest
consideration.

**The Master of Science Degree**

The MS may be earned with 30 credit hours beyond a bachelor’s degree
or 21 hours beyond the DVM degree, including not more than six credit
hours for the thesis. The plan of study is designed to meet the student’s
needs and interests and typically includes two credits of seminar,
one course in statistics, and courses in molecular or cell biology and
pathobiology. The student must also pass a final oral examination
covering the thesis and related course work.

**The Doctor of Philosophy Degree**

The PhD requires a minimum of 60 credit hours beyond the bachelor’s
degree 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 typically includes courses in cell and molecular
biology, pathobiology, statistics, and seminar. Written and oral qualifying
examinations are required. Students must prepare a research proposal
and complete and defend a dissertation based on original research.

**Application Procedure**

Applications are made to the Graduate College (http://
gradcollege.okstate.edu/apply) and are accepted at any time; however, all documents should be received
before March 1st for admission to the fall semester. Applicants are
required to submit transcripts of all college-level work. International
applicants are required to take an English proficiency exam, unless
a student completed a baccalaureate or graduate degree from an
accredited institution of higher learning at which English is the primary
language of instruction, located in a country in which English is a
recognized primary language. For students seeking graduate teaching
assistantships, a score of 22 or greater on the speaking part of the
internet-based TOEFL (ibT) or 7.0 on the speaking portion of the IELTS
is required. In addition, the applicant will submit a statement of purpose
stating their preparation for graduate study as well as how earning a
graduate degree will further their educational and career goals and will
have three persons knowledgeable of their preparation for graduate study
write and submit letters of reference.

Information about faculty research interests is available upon request to
the graduate coordinator (cbsc@okstate.edu (vbsc@okstate.edu)). After
acceptance to the graduate program, students select a major professor
and an advisory committee and develop a plan of study consistent with
the CBSC graduate program requirements and subject to the approval of
the dean of the Graduate College.

**Assistantships**

A limited number of graduate teaching and research assistantships are
available.
Internship and Residency Programs

Internships and residency programs in clinical medicine and surgery are offered through the Department of Veterinary Clinical Sciences. Residency programs in pathology are offered through the Department of Veterinary Pathobiology.