



College of  
Veterinary Medicine  
University of Missouri



**YOU BELONG AT**  
**MIZZOU**

Teach. Heal. Discover. Serve.

Visit us at:

**CVM.MISSOURI.EDU**

# ABOUT OUR PROGRAM

## Reasons to Choose Mizzou

### TWO AND TWO

The DVM degree is achieved after a four-year course of study. At MU, the first two years are largely spent in classrooms and laboratories with the second two years devoted to clinical study in the Veterinary Health Center and Veterinary Medical Diagnostic Lab.

Spending nearly two full years gaining hands-on clinical experience means our students graduate fully prepared to work in all fields of veterinary medicine. The North American Veterinary Licensing Examination Council on Education requires a minimum pass rate of 80 percent on the licensing examination to maintain full accreditation. Since 2010, MU CVM graduates have had a pass rate of 97 percent or better.

### MASTER OF PUBLIC HEALTH

The MPH-DVM program means students can graduate with both MPH and DVM degrees within four years and reflects the future of interdisciplinary research and service. Veterinary students seeking

a dual degree gain opportunities for training in zoonotic disease prevention, food safety and other emerging issues in animal and human health, and entry into one of the fastest growing and most rewarding careers in public and community service.

### RESEARCH

The college has a successful Veterinary Research Scholars Program that was established in 2005. The program exposes veterinary students to research career opportunities through a faculty-mentored experience. Participants receive a stipend during the full-time research activity portion of the program, which takes place during their summer break.

MU is a national leader in comparative medicine. For more than four decades, the National Institutes of Health has continuously funded comparative medicine research at the University of Missouri.

### QUALITY OF LIFE

Columbia combines small-town comforts, community spirit and a low cost of living with big-city culture, activities and resources. Our city of about 125,000 people lies midway between Missouri's largest metro areas: St. Louis and Kansas City.



Find more at **CVM.MISSOURI.EDU**

# CVM TYPICAL COURSE LOAD

Prefix Codes		
V_BSCI Veterinary Biomedical Sciences		
V_M_S Veterinary Medicine and Surgery		
V_PBio Veterinary Pathobiology		
Vet Med 1		
<b>Fall: 18 hours total</b>		
Instructional Periods 1&2 (August – December)		
V_BSCI 5500	Veterinary Anatomy	4
V_BSCI 5502	Veterinary Microscopic Anatomy	3
V_BSCI 5504	Veterinary Physiology	5
V_BSCI 5506	Veterinary Cellular and Molecular Biology	4
V_BSCI 5100	Veterinary Neuroscience (October - December only)	2
<b>Spring: 17 hours total</b>		
Instructional Period 3 (January – February)		
V_BSCI 5011	Veterinary Anatomy 3	3
V_BSCI 5020	Developmental Anatomy 1	0.5
V_BSCI 5503	Veterinary Microscopic Anatomy 3	2
V_BSCI 5051	Veterinary Gastrointestinal Physiology	2
V_M_S 6005	Clinical Skills 1	0.5
V_M_S 6140	Veterinary Nutrition	1.5
<b>Instructional Period 4 (March – April)</b>		
V_BSCI 5012	Veterinary Anatomy 4	3
V_BSCI 5021	Developmental Anatomy 2	0.5
V_BSCI 5052	Veterinary Endocrinology and Reproductive Biology	2
V_PBio 5511	Veterinary Immunology 1	1.5
V_M_S 6006	Clinical Skills 2	0.5

Vet Med 2		
<b>Summer: 8.5 hours total</b>		
Instructional Period 5 (May – June)		
V_PBio 5512	Veterinary Immunology 2	1.5
V_PBio 5552	Veterinary Bacteriology 1	3
V_PBio 5575	General Veterinary Pathology	3
V_PBio 5579	Veterinary Genomics	1
V_M_S 61354	Foundations of Financial Success	1
<b>Fall: 21 hours total</b>		
Instructional Period 6 (August – October)		
V_PBio 5553	Veterinary Bacteriology 2	2.5
V_PBio 5554	Veterinary Virology	2.5
V_PBio 5557	Veterinary Parasitology	3
V_PBio 5576	Veterinary Systemic and Special Pathology 1	3
<b>Instructional Period 7 (October – December)</b>		
V_BSCI 5507	Veterinary Pharmacology 1	3
V_PBio 5555	Epidemiology and Biostatistics	2
V_PBio 5558	Veterinary Public Health	2
V_PBio 5577	Veterinary Systemic and Special Pathology 2	3
<b>Spring: 20.5 hours total</b>		
Instructional Period 8 (January – February)		
V_BSCI 5508	Veterinary Pharmacology 2	2
V_PBio 5578	Veterinary Clinical Pathology	3
V_PBio 6010	Laboratory Animal Medicine	1.5
V_M_S 6020	Veterinary Radiology	2
V_M_S 6130	Fundamentals of Veterinary Business Management	1
<b>Instructional Period 9 (March – April)</b>		
V_BSCI 5509	Veterinary Toxicology	3
V_M_S 6030	Veterinary Anesthesiology	2
V_M_S 6040	Companion Animal Medicine	4
V_M_S 6060	Small Animal Surgery 1	2

# CVM TYPICAL COURSE LOAD

Vet Med 3		
<b>Summer: 10 hours total</b>		
<b>Instructional Period 10 (May – June)</b>		
V_M_S 6050	Small Animal Medicine	2.5
V_M_S 6071	Small Animal Surgery 2	2
V_M_S 6073	Fundamental Surgery Laboratory	1
V_M_S 6081	Food Animal Medicine and Surgery 1	2.5
V_M_S 6151	Equine Animal Medicine and Surgery 1	2
<b>Electives</b>		
V_M_S 6072	Conventional Surgery and Anesthesia Laboratory (This elective replaces VMS 6073 if chosen.	1
<b>Fall: 8.5 hours total (varies with elective selections)</b>		
<b>Instructional Period 11 (August – October)</b>		
V_M_S 6152	Equine Medicine and Surgery 2	1.5
V_M_S 6110	Theriogenology	3
V_M_S 6120	Veterinary Ophthalmology	1
V_M_S 6082	Food Animal Medicine and Surgery 2	2
V_M_S 6090	Small Animal Critical Care	1
<b>Electives (up to 2 credit hours may be taken)</b>		
V_PBIO 5991	Introduction to Avian Medicine	1
V_M_S 6965	Advanced Neurology	1
V_M_S 6987	Problem-based Clinical Preparation	1
V_M_S 6988	Small Animal Clinical Nutrition	1
V_M_S 6989	Advanced Oncology of Companion Animals	1
V_M_S 6990	Zoological Medicine	2
V_M_S 6991	Advanced Equine Lameness	1
V_M_S 6992	Small Animal Endoscopy	1
V_M_S 6993	Advanced Veterinary Anesthesia	1
V_M_S 6994	Advanced Techniques in Small Animal Surgery	1
V_M_S 6995	Clinical Cardiology	1
V_M_S 6996	Advanced Dermatology	1
V_M_S 6997	Food Animal Diagnostic Exercises	1
V_M_S 6998	Small Animal Behavioral Medicine	1
V_M_S 6999	Food Animal Surgery Laboratory	1

Vet Med 3		
<b>Fall: Clinical Block 1</b>		
<b>Spring: Clinical Blocks 2-4</b>		
Vet Med 4		
<b>Summer: Clinical Blocks 5-6</b>		
<b>Fall: Clinical Blocks 7-9</b>		
<b>Spring: Clinical Blocks 10-12</b>		
<b>Third and Fourth Years: Required Clinical Blocks</b> (Each credit hour is equal to a week of clinical rotation instruction.)		
V_PBIO 6647	Pathology and Laboratory Diagnostics	8
V_M_S 6010	Evaluated Veterinary Preceptorship	4
V_M_S 6400	Food Animal Medicine and Surgery	6
V_M_S 6411	Small Animal Internal Medicine	2
V_M_S 6412	Small Animal Primary Care / Community Practice	3
V_M_S 6414	Shelter Medicine	3
V_M_S 6420	Equine Medicine and Surgery	6
V_M_S 6432	Small Animal Soft Tissue Surgery	2
V_M_S 6434	Small Animal Orthopedic Surgery	2
V_M_S 6436	Neurology and Neurosurgery	2
V_M_S 6441	Clinical Radiology	3
V_M_S 6442	Clinical Anesthesiology	3
V_M_S 6450	Theriogenology	2
V_M_S 6460	Clinical Ophthalmology	2
V_M_S 6490	Small Animal Specialty Medicine (Oncology)	2
V_M_S 6820	Small Animal Emergency and Critical Care	2

Third- and fourth-year students must also take 10 hours in clinical elective rotations. For the full list of electives, please see:  
[cvm.missouri.edu/current-students/clinical-elective-courses/](http://cvm.missouri.edu/current-students/clinical-elective-courses/)

Find more at **CVM.MISSOURI.EDU**



# FREQUENTLY ASKED QUESTIONS

## **DOES ATTENDING MU AS AN UNDERGRAD PROVIDE AN ADVANTAGE OVER OTHER INSTITUTIONS?**

MU provides an excellent undergraduate education to prepare for the veterinary curriculum. There are many reasons for selecting an undergraduate institution: Financial considerations, location and academics, are all factors. Choose an institution based on academic needs and career endeavors. Prospective students should choose an academic institution based on a curriculum that provides sufficient exposure and the necessary preparation pursuant to that profession.

## **IS COMMUNITY COLLEGE A ROUTE INTO VETERINARY SCHOOL?**

Community college programs can play a role in the preparation for a veterinary program. A student can complete some, not all, of the prerequisites through community college. The upper-level prerequisite requirements, e.g. biochemistry, are generally completed through a four-year program.

## **IS A VET TECH PROGRAM A PATH INTO VETERINARY MEDICINE?**

A veterinary technical program is not necessarily a precursor to becoming a veterinarian any more than nursing is the field prior to becoming a medical doctor. This is not to say veterinary technicians

can't become veterinarians. Vet tech programs offer courses that are not included in a veterinary curriculum.

## **IS ANIMAL SCIENCE THE BEST MAJOR TO BE A COMPETITIVE APPLICANT INTO THE CVM?**

Animal science can provide a sound basis for a veterinary degree. However, it is no longer the predominant major or degree held by students entering the CVM. Biological sciences, biochemistry and chemistry provide excellent preparation for entrance into a veterinary program. It serves the interests of applicants to select a major based on their academic and secondary career interests in case they are not accepted into a veterinary program.

## **DOES THE CVM HAVE AN APPLICATION FEE?**

Yes, there is an application processing fee of \$110 (the charge is determined year to year), in addition to the application fee paid to the Veterinary Medical College Application Service (VMCAS).

## **DO YOU TAKE AP CREDIT FOR PRE-REQS?**

Yes, if accepted and showing on your college transcript.

## **IS THE GRE REQUIRED FOR ADMISSION?**

No. The faculty voted to remove the GRE from the application requirements. However, the GRE may be required for some dual degree programs.



Find more at

**CVM.MISSOURI.EDU**

# FREQUENTLY ASKED QUESTIONS

## **WHERE DO I SEND TRANSCRIPTS?**

Official transcripts from the originating institution are sent to VMCAS by their published deadline.

## **IS THERE A MINIMUM GPA REQUIREMENT TO APPLY TO THE CVM?**

The MU CVM requires an applicant to have a minimum overall cumulative 3.00 GPA on a 4.00 scale to apply.

## **IS A BACHELOR'S DEGREE REQUIRED TO BE ADMITTED INTO A VETERINARY PROGRAM?**

Completion of an undergraduate degree is not required in order to apply or to be admitted into the MU CVM. There are prerequisite course requirements that must be completed in order to be eligible to apply. A bachelor's degree is needed to complete dual DVM/MS/MPH programs. In order to receive federal financial aid, students without a bachelor's degree need to have completed 72 credit hours prior to matriculation.

## **WHEN DO I BEGIN PREPARING TO APPLY TO A VETERINARY PROGRAM?**

Students seeking admission into a professional veterinary curriculum begin at a variety of stages. Latest trends show a significant number of prospective students start the process as early as junior

high school. Early preparation allows students to amass as much experience as possible and acquire an extensive knowledge of the profession and its range of career opportunities.

## **HOW MUCH EMPHASIS IS PLACED ON SHADOWING AND EXPERIENCE?**

The extent of an applicant's experience reflects on their knowledge about the profession, depth of that knowledge, motivation, trust and reliability, attention to detail, ability to listen, ability to receive and apply constructive criticism, and their overall persistence.

The MU CVM requires a minimum of 40 hours of observation with a veterinarian in their normal work environment. It must be as a third person, not as a client. Required hours can be obtained while employed, volunteering or observing. Most successful applicants have more than 300 hours in multiple areas of the profession.

## **CAN I TRANSFER INTO A DVM PROGRAM?**

The way one would transfer from a two- or four-year institution to another four-year institution does not apply by veterinary standards. It is possible to transfer from an American Veterinary Medical Association-accredited veterinary program, providing the two programs maintain congruency in their curriculums. Acceptance into the program is determined by the receiving institution.



Find more at

**CVM.MISSOURI.EDU**



## **ADMISSIONS INFORMATION:**

**Admissions Manager — Kathy Seay**

Phone: (573) 884-3341 | [VetAdmissions@missouri.edu](mailto:VetAdmissions@missouri.edu)

W203 Veterinary Medicine Building

University of Missouri

Columbia, MO 65211

**Coordinator of Student Recruitment — Douglas Tindall**

Phone: (573) 882-4397 | [TindallD@missouri.edu](mailto:TindallD@missouri.edu)

W203 Veterinary Medicine Building

University of Missouri

Columbia, MO 65211

## **RESIDENCY INFORMATION:**

Residency Department

Office of the University Registrar

125 Jesse Hall

Columbia, MO 65211

Phone: (573) 882-7881 or Toll-free in Missouri, Kansas and Illinois

(800) 225-6075 | [residency@missouri.edu](mailto:residency@missouri.edu)

## **FINANCIAL AID INFORMATION:**

The first step in applying for federal financial aid is to fill out the Free Application for Federal Student Aid (FAFSA), available at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The MU school code for the FAFSA is 002516. The FAFSA will become available Oct. 1. The filing will use tax information from two years prior. Students can use the IRS Data Retrieval Tool (DRT) to pull tax information directly into the FAFSA from the IRS. A username and password are needed to complete the FAFSA online and to use the DRT.

**Financial Aid Advisor — Manda Riley**

Student Financial Aid

W203 Veterinary Medicine Building

Columbia, MO 65211

Phone: (573) 882-3981 | [rileyae@missouri.edu](mailto:rileyae@missouri.edu)