

Admissions and Requirements for Veterinary School

Act 1259 of the Arkansas Assembly authorized funds for education in veterinary medicine. The State Board of Higher Education is the designated agent for the State of Arkansas and the Student Loan Authority is authorized to administer the program. Terms and conditions prescribed by the Student Loan Authority are as follows: for each year of practice in Arkansas one year's loan and accrued interest will be converted to a scholarship grant. Loans will cover only out-of-state tuition and the student will pay his or her own fees and expenses.

Contracts have been negotiated with the Board of Control for Southern Regional Education for education in veterinary medicine at Louisiana State University (LSU) and at Tuskegee University. Arrangements have also been made with the University of Missouri and Mississippi State. Under the provisions of the legislation only citizens of Arkansas are eligible. They must enroll in and complete the pre-veterinary medicine curriculum to satisfy the admission requirements of the colleges of veterinary medicine.

The pre-veterinary medicine program at the University of Arkansas is administered in the Departments of Animal or Poultry Science of the Dale Bumpers College of Agricultural Food and Life Sciences. There are faculty on staff in these departments who help counsel and advise the students regarding their pre-veterinary medicine program. There are also staff veterinarians who provide some insight into the practice of veterinary medicine and are knowledgeable about many of the problems encountered in establishing a practice upon graduation. Some of these veterinarians have been in private practice; others have been involved in research full-time since graduation from veterinary medicine and graduate school. Because there is a wide cross-section of experience among these faculty, students find their counsel valuable in planning their future in veterinary medicine.

While it is possible to complete requirements for admission to some colleges of veterinary medicine in two years, most students take three years or more to complete the requirements and some complete B.S. degrees before being admitted. Students who carefully plan their work may complete a B.S. degree by transferring hours completed in the first two years in an accredited college of veterinary medicine back to the University of Arkansas, provided they complete certain degree requirements at the University prior to entering a school or college of veterinary medicine. These students must complete 102 or 103 hours of a 132-hour program of prescribed courses. This will require three years and one or two 6-week summer terms for most students. Students should indicate early to their adviser that they wish to be in a degree program.

The Dale Bumpers College of Agricultural, Food and Life Sciences is always ready to assist students in fulfilling their Pre-veterinary medicine requirements whether they desire to complete them in a two-year span or over three or four years.

To earn the professional degree, a student must complete the pre-veterinary medicine requirements and the four-year prescribed curriculum in one of the colleges of veterinary medicine.

Veterinary School Undergraduate Curriculum Requirements

(Bold denotes schools contracted with Arkansas)	OSU	LSU	Univ. Missouri	Miss. State	Texas A & M Univ.	Kansas State Univ.	Auburn University	Univ. of FL.	Univ. of Tenn.
Biological Sciences	4	8 ¹	10	-	4 ¹	4	4 ¹	4 ¹	4 ¹
Inorganic Chemistry	8 ¹	8 ¹	8	8 ¹	8 ¹	8	8 ¹	8 ¹	8 ¹
Organic Chemistry	8 ¹	3	5 ¹	4 ¹	4 ¹	5	6 ¹	8 ¹	8 ¹
Biochemistry	3	3	3	3	3	5 ¹	3 ²	3	4
English (comp)	6	6	6	6	3	6	6	6	6
Literature	3 ²	-	-	-	3	-	3	-	-
Tech. Writing	-	-	-	-	3	-	-	-	-
Physics	8	6	5	3 ¹	8	8	8 ¹	8 ¹	8 ¹
Math	3	5	3	6	3 ⁵	5	3	6 ⁵	-
Zoology	4 ¹	-	-	4 ¹	-	-	4 ¹	4 ¹	4 ¹
Animal Nutrition⁶	3	-	-	3-5	3	-	3 ²	3	-
ANSC elec.	-	-	-	-	-	-	6 ⁴	3	-
Microbiology	4 ¹	4 ¹	-	4 ¹	4 ¹	4 ¹	-	4 ¹	-
Genetics	3	-	-	3 ¹	3	3	-	3	3
Developmental Biology	-	-	-	-	-	4	-	-	-
Cell Biology	-	-	-	3	-	-	-	-	3
Humanities/Social Sciences/Fine Arts	6	-	10	15	-	12	21	15	18
Comm.	3 ²	3	-	3	3	2	-	-	-
Electives	-	-	10	-	-	9	-	4	-
Total Credits	63	46	60	65-67	52	70	70	79	66
Class size	74	84	64	60	134	108	90	85	70
Supplemental App.	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Required exams									
GRE	R	O	O	R	R	R	R	R	R
GRE biology	R	X	O ³	X	X	X	X	X	X
MCAT	X	O	O	X	X	X	X	X	X

R = required, X = not accepted, O = either/or; ¹must include a lab ²must complete one or the other ³required if GRE is submitted ⁴must be junior level or above ⁵must complete calculus &/or statistics ⁶Human nutrition not acceptable

Contact Numbers (see www.aavmc.org for websites)

OSU
Phone: (405) 744-6653
Fax: (405) 744-0356

Missouri
Phone: (573) 884-6774
Fax: (573) 884-5044

University of Florida
Phone: (352) 392-4700 ext. 5300
Fax: (352) 846-2744

LSU
Phone: (225) 578-9537
Miss. State
Phone: (662) 325-1278

Auburn
Phone: (334) 844-2685
Kansas State
Phone: (785) 532-4335

University of Tennessee
Phone: (865) 974-7354
Texas A & M University
Phone: (979)845-5038

More information is available at the [Association of American Veterinary Medical Colleges website:](http://www.aavmc.org)

www.aavmc.org

This chart was completed Spring 2002. Updated 2/19/2003. Requirements and accepted classes are subject to change. Contact schools to confirm requirements before applying.

Veterinary School Undergraduate Curriculum Requirements

Classes Offered at the U of A
Bolded ones are offered at NWACC

Biological Sciences: Any class with the prefix BIOL, MBIO, or ZOOL. Some schools will accept parasitology and animal physiology from the Animal Science Dept.

Inorganic Chemistry: CHEM 1103/1L, CHEM 1123/1L

Organic Chemistry: CHEM 3603/1L, CHEM 3613,1L, some schools accept **CHEM 2613/1L**

Biochemistry: CHEM 3813, CHEM 5813, CHEM 5843

English: ENGL 1013, ENGL 1023, ENGL 2013, ENGL 3053. Literature classes such as WLIT will be accepted at some schools.

Literature: WLIT 1113, WLIT 1123, WLIT 2323. Any English Literature class or WLIT class should work.

Technical Report Writing: ENGL 3053

Physics: **PHYS 2013/1L, PHYS 2033/1L, PHYS 2053/1L, PHYS 2073/1L**

Mathematics: Most schools accept any math above College Algebra (**MATH 1203**). **MATH 2043, MATH 2053, MATH 2554, MATH 2564**. Also many statistics courses will work STAT 2023 or STAT 2303.

Zoology: Any class with the prefix ZOOL should work but the following will definitely work: ZOOL 2213, ZOOL 2404, ZOOL 2443, ZOOL 5514

Animal Nutrition: ANSC 3143

ANSC elective: Any ANSC class should work.

Microbiology: **MBIO 2013/1L**, MBIO 4303, MBIO 4703. Any MBIO class should work.

Genetics: BIOL 3323/1L, ANSC 3123, ANSC 3133

Developmental Biology: ZOOL 5514

Cell Biology: BIOL 2543/1L

Humanities/ Social Sciences: Any HIST, WCIV, PLSC, or AGECE should work. This is very broad so make sure you contact the schools to make sure they will accept the course.

Communications: COMM 1313

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NWACC Transfer Guides to a major in Animal Science or Poultry Science in Bumpers College.

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Taken from the U of A Bumpers College website.