

Iowa State University College of Veterinary Medicine Nebraska Cooperative Program

The Iowa State University College of Veterinary Medicine (ISU) and the University of Nebraska -Lincoln Institute of Agriculture and Natural Resources (UNL) developed a cooperative agreement in veterinary medical education. Under this program, 25 Nebraska resident students who are admitted to ISU will enroll and complete the first two years of the veterinary curriculum at UNL and the last two years at ISU. The 25 Nebraska resident students will pay ISU resident veterinary tuition for all four years of matriculation with the tuition for the first two years paid to UNL and for the last two years to ISU.

Nebraska students who wish to participate in this program must apply to Iowa State University in the fall of 2006 for entry into the program the fall of 2007. The following steps are required.

- Apply to Iowa State University through the regular application process. All applications must be received by 1 OCT (for admission the following fall semester)
- Complete the Nebraska Resident Certification Form. These forms must be received at UNL by 1 OCT. Download the Nebraska Resident Certification Form (PDF)

For further information on this cooperative agreement, please contact Kathy Kuehl by phone at 515-294-6808 or by email: <kkuehl@iastate.edu>.

Pre-veterinary Preparation

Students contemplating careers in veterinary medicine should prepare in both high school and college with a solid foundation in the biological and physical sciences. They should have a general knowledge in the arts, social sciences, humanities and communications. Students should also be motivated by a sincere concern for animal and human populations, a desire to serve the public, and a genuine interest in the medical field.

"Pre-veterinary medicine" is not a major but a pre-professional track that can be chosen within a major. Pre-veterinary medical students may pursue any undergraduate major of their choosing. The College of Veterinary Medicine seeks students with diverse backgrounds and encourages them to enroll in a major that meets their interests and goals. Although science majors such as animal science, biology, zoology, animal ecology, biochemistry and microbiology are most common, admitted veterinary medicine students have also had degrees in business, fine arts, music, English, engineering and psychology. The required pre-professional courses can be obtained through the curricula of a variety of fields of study.

Pre-veterinary students are strongly encouraged to complete a Bachelor's degree before enrolling in the College of Veterinary Medicine, however, a Bachelor's degree is not required for admissions. Applicants must only complete the specified prerequisite courses at a regionally accredited college or university to fulfill the academic requirements.

Applicants for admission to the College of Veterinary Medicine must have attended a regionally accredited college or university. The student must:

- complete all pre-veterinary requirements (40 credits) by the end of the fall semester in the year in which they file an application for admission
- complete a minimum of 60 semester credits by the end of spring term of the year in which the applicant seeks to be admitted to the College of Veterinary Medicine
- complete the courses listed below --these are the minimum required for entry into the College of Veterinary Medicine professional curriculum. Credits earned must be equivalent to ISU Sem-hr.

Course and Title	Semester-hrs Required	UNOmaha courses
<p>English Composition One year of composition or writing emphasis courses. May include business or technical writing. Bachelor's degree counts for one-half of this requirement.</p>	6	ENGL1150, 1160, 2400, 3980
<p>Oral Communication May include public speaking, interpersonal communication, group or organizational communication or speaking emphasis courses.</p>	3	SPCH1010 or 2120
<p>General Chemistry* One year series for biological science majors with one semester lab</p>	7	CHEM1180 & 1184 and CHEM1190 & 1194
<p>Organic Chemistry* One year series with one semester lab</p>	7	CHEM2250, 2260, and 2274
<p>Biochemistry* One semester (no lab required)</p>	3	CHEM3650 & 3654 or CHEM4650 & 4654 CHEM4660 & 4664
<p>Physics* First semester of a two-semester series with lab. Must include mechanics, fluids, heat and thermodynamics, vibrations, waves and sound.</p>	4	PHYS1110 & 1154 And PHYS1120 & 1164
<p>General Biology* Two semester series with lab each semester. A Bachelor's degree in Biology fulfills this requirement.</p>	8	BIOL1450 BIOL1750
<p>Genetics* Must include both Mendelian and molecular genetics. (no lab required)Animal breeding or livestock improvement courses will not fulfill this requirement.</p>	3	BIOL2140
<p>Mammalian Anatomy and/or Physiology* (no lab required)</p>	3	BIOL4740 BIOL4950

Arts, Humanities and/or Social Sciences	8	
Electives	8	
*science requirement		

All applicants, regardless of major, must complete these courses or their equivalents. All but two of the required science courses must be completed by the end of the fall term in which the applicant applies. Up to two required science courses may be taken the spring term prior to matriculation. Other non-science required courses must be completed by the end of the spring term prior to matriculation. All required coursework must be completed with a grade of "C" (2.00) or better to fulfill the requirement. A "C-minus" or lower is not acceptable.

Required courses must be taken from an accredited college or university on a graded A-F basis. No required course may be taken under the Pass/Not Pass or Satisfactory/Fail grading systems or similar options.

Advance Placement (AP) and College Level Examination Program (CLEP)

If an applicant wishes to use AP or CLEP credits to fulfill a required course, these credits must be documented by original scores submitted to the College of Veterinary Medicine and must meet Iowa State University's minimum requirement in the appropriate subject area. CLEP credits may be accepted only for arts, humanities and social sciences.

Graduate Record Exam (GRE)

The Graduate Record Exam General Test is required for application to the College of Veterinary Medicine. All 2007 applicants are required to take or retake the GRE which includes the analytical writing assessment by October 13, 2006. GRE testing dates and registration is available at www.gre.org. Official scores must be received by October 31.

Applicants should send their GRE scores directly to the College of Veterinary Medicine. The GRE code for the College of Veterinary Medicine at Iowa State University is 6315.

Questions about requirements or contract?

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