



PRE-VETERINARY MEDICINE PREP

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP20

Admission into veterinary school is very competitive. Although many of the veterinary medical colleges do not require a bachelor's degree for entrance, most students admitted will have completed a bachelor's degree. Students should maintain a grade point average near or above 3.50/4.00, acquire leadership skills, extensive/diverse experience in veterinary medicine, and obtain 63% on the Graduate Record Exam (GRE) to be competitive. Students apply through a centralized application service Veterinary Medical College Application Service (VMCAS) in June between the junior and senior years. Apply Early! At least three letters of recommendation are required, typically 1 from a science professor and 1 from a veterinarian. The last letter can be from the student's choosing.

Each of the 30 veterinary programs have different requirements, it is very important to identify early which programs you plan to apply and plot out their requirements accordingly.

GENERAL REQUIREMENTS:

LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Speech Communication	3		

BIOLOGY*: 32 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 1550G General Biology II	4		
BIO 3120 Molecular & Cellular Biology	4		
BIO 3200 Genetics	4		
BIO 3300* Microbiology	4		
BIO 3520 Animal Physiology	4		
<i>Highly Recommended Courses</i>			
BIO 3620* Func Comparative Anatomy	4		
BIO 4958* Parasitology	4		

CHEMISTRY*: 19 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410 General Chemistry II	3		
CHM 1415 General Chemistry II Lab	1		
CHM 2440 Organic Chemistry I	3		
CHM 2445 Organic Chemistry I Lab	1		
CHM 2840 Organic Chemistry II	3		
CHM 2845 Organic Chemistry II Lab	1		
CHM 3450* Biochemistry	3		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
PHI 2500G* Intro to Ethics	3		
	3		

PHYSICS*: 8 HRS

Course	Hours	Grade	Semester
PHY 1151G Principles of Physics I	3		
PHY 1152G Principles of Physics I Lab	1		
PHY 1161 Principles of Physics II	3		
PHY 1162 Principles of Physics II Lab	1		

HUMANITIES/FINE ARTS: 9 HRS

Course	Hours	Grade	Semester
Humanities	3		
Fine Arts	3		
Humanities / Fine Arts	3		

MATH*: 3-7 HRS

Course	Hours	Grade	Semester
MAT 2110G* Brief Calculus	3		
BIO 4750 Statistic Anly of Sci Data OR MAT 2250G Elementary Statistics	4		

* Additional prerequisite classes may be required. See Undergraduate Catalog.

#Required by some Veterinary Schools.

Additional Requirements for some schools: Medical Terminology, Biochemistry Lab; Animal Nutrition (not offered at EIU - offered online at other universities)

Departmental Exit Interview is also required prior to leaving EIU.

BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR

WHAT MAKES YOU UNIQUE FROM OTHER APPLICANTS?

Animal Care Experience

- *Seek out volunteer or work experience that affords you the opportunity to work with animals: zoos, refuges, veterinary clinics, agribusiness, etc.*
- *Handling diversification: Large and small animals, exotics, reptiles, etc.*

Leadership Experience

Veterinarians are leaders in their communities and demonstrated leadership skills are a must. Campus, church and community organizations provide excellent leadership opportunities.

SAMPLE COURSE SEQUENCE:

The suggested course sequence accounts for typical veterinary medical school prerequisites and general education requirements, assuming the foreign language requirement has been completed. It does not include all requirements for a bachelor degree from EIU.

FRESHMAN	
FALL	SPRING
ENG 1001G BIO 1500 CHM 1310/1315 PSY 1879G	ENG 1002G CHM 1410/1415 PHI 2500G
SOPHOMORE	
FALL	SPRING
BIO 3120 CHM 2440/2445 MAT 2110 Gen Ed Elective	BIO 3200 CHM 2840/2845 Gen Ed Elective
JUNIOR	
FALL	SPRING
BIO 3520 (Fall ONLY) PHY 1151G/1152G (Fall ONLY) CHM 3450 (Fall ONLY) GRE Prep	BIO 3620 (Spring ONLY) BIO 4750 OR MAT 2250G PHY 1161/1162 (Spring ONLY) GRE Exam/Apply to Vet Med School
SENIOR	
FALL	SPRING
EIU 4***G CMN 1310G Vet Med School Admission Interviews	Gen Ed Elective Pre-Health Advising Exit Interview

RESOURCES:

Association of American Veterinary Medical Colleges

www.aavmc.org

American Vet Medical

www.avma.org

Veterinary Medical College Application Serv

www.vmcas.org

University of Illinois

www.vetmed.illinois.edu

University of Missouri

www.cvm.missouri.edu

CONTACT INFORMATION:

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