

Academic Fact Sheet

Wayne State
College

PRE-VETERINARY MEDICINE

The Pre-Veterinary Science program is administered by the Life Sciences Department.

Facts about the Program

Degrees Offered:

Transfer Program only - a B.S. degree is highly recommended.

Faculty:

Buffany DeBoer, M.S.E.
Glenn Keitzman, Ph.D.
Shawn Percy, Ph.D.
Mark Zink, DVM

Career Opportunities

Private Practice
Animal Care Specialist
Confinement Agriculture

Scholarships and Financial Aid

Wayne State College is committed to providing a quality, affordable education for its students. There are several types of financial assistance available for Wayne State students, including grants, loans, work-study and scholarships. The aid packages are composed of money from Pell grants, SEOG grants, SSIG grants, Perkins loans, Stafford student loans, PLUS loans and a variety of scholarships. Contact the Financial Aid Office at (402) 375-7230 for further information.

Program Description

The program of study will prepare a student for entry into the Veterinary Medicine programs in area universities (Colorado State University, Kansas State University, Iowa State University, Oklahoma State University and the University of Missouri.) The pre-vet student should complete a four-year major in Biology and/or Chemistry.

For more information contact:

Life Sciences Department
Wayne State College
Wayne, NE 68787
(402) 375-7329 or 1-800-228-9972
preprof@wsc.edu
www.wsc.edu

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LIFE SCIENCE MAJOR PRE-VETERINARY MEDICINE

Students work towards a major in biology. Additional coursework includes pre-requisites for veterinary medical school.

FRESHMAN YEAR

CHE 106	General Chemistry I	4	CHE 107	General Chemistry II	4
BIO 110	Biology Concepts	4	BIO 200/210	Zoology or Botany	4
ENG 102	Composition Skills	3	CNA 100	Princ. of Human Communication	3
* SPA 110	Elementary Spanish I	3	ENG 200	Expository Writing	3
	Gen Ed - Block 3 Electives	<u>3</u>		Gen Ed - Block 3 Electives	<u>3</u>
		16			17

SOPHOMORE YEAR

CHE 314	Organic Chemistry I	4	BIO 200/210	Zoology or Botany	4
BIO 320	Molecular Genetics	4	CHE 315	Organic Chemistry II	4
HIS 120	World History	3		Gen Ed - Block 3 Electives	3
PED 103	Lifestyle Assessment or		** MAT	By advisement	<u>3-5</u>
FCS 207	Nutrition	2-3			14-16
	Gen Ed - Block 3 Electives	<u>3</u>			
		16-17			

JUNIOR YEAR

BIO 220	Human Anatomy	4	BIO 340	Human Physiology	4
BIO 434	Adv. Cell Biology	3	PHY 202	General Physics II	3
PHY 201	General Physics I	3	PHY 322	General Physics II Lab	1
PHY 321	General Physics I Lab	1	BIO 370	Intro to Research	2
	Gen Ed - Block 3 Electives	<u>3</u>		Gen Ed - Block 3 Electives	3
		14		Electives	<u>3</u>
					16

SENIOR YEAR

BIO 301	Biology Seminar	1	BIO 385	Microbiology	4
BIO 394 or 465	Internship or Cont. Research	1	BIO 300	Histology	4
EPS 300	Educated Perspective	3	BIO 425	Evolution	3
CHE 326	Biochemistry	4	BIO469/470	Senior Seminar or Research Project	1
	Electives	<u>6</u>	BIO	Electives	<u>3</u>
		15			15

Highly recommended electives: Comparative Embryology and Anatomy, Mammalogy, Nutrition, and Parasitology.

ISU & Kansas State University College of Veterinary Medicine require GRE.

*Students may take any foreign language (check with the school of intended enrollment).