

Murray State College
Tishomingo and Ardmore

Pre-Professional – Veterinary Medicine Option

PROGRAM REQUIREMENTS

	Credit Hours
GENERAL EDUCATION	38
EFFECTIVE COMMUNICATION (9 hours)	
ENG 1113 English Composition I	3
ENG 1213 English Composition II.....	3
SPC 1113 Fundamentals of Speech	3
HISTORY & POLITICAL AWARENESS (6 hours)	
HST 1483 US History to 1877	
(or.....)	3
HST1493 US History since 1877	
GVT 1113 American Federal Government	3
MATH & QUANTITATIVE REASONING (3 hours)	
MTH1513 College Algebra	3
SCIENTIFIC REASONING (8 hours)	
PHY 1114 General Physics I	4
BIO 1404 Principles of Biology	4
HUMANITIES (6 hours)	
Any two courses from Area 4 in college catalog.....	6
LIBERAL ARTS & GLOBAL AWARENESS (3 hours)	
Any Area 6 course from catalog.....	3
COMPUTER PROFICIENCY (3 hours)	
CIS 1113 College Applications.....	3
Or display proficiency.	
ACADEMIC SUCCESS (1 hour, if applicable)*	
COL1211/1211L Success Strategies.....	(1)
SCIENCE PROGRAM CORE REQUIREMENTS	24
BOT 1114 General Botany	4
CHM 1114 General Chemistry I.....	4
CHM 1214 General Chemistry II.....	4
MIC 2224 Introduction to Microbiology	4
PHY 1214 General Physics II.....	4
ZOO 1114 General Zoology	4
*Substitutions may be made with prior departmental approval.	
RECOMMENDED PROGRAM ELECTIVES	
PSY1113 Introductory Psychology (or).....	3
SOC1113 Introduction to Sociology	
TOTAL CREDIT HOURS	65
HEALTH, WELLNESS, & HUMAN PERFORMANCE	
HWP Personal Health, First Aid, or Activity	2
Courses (i.e., Swimming, Bowling, Golf, Tennis, Dance, Weight Training, Walking/Jogging, Women's Fitness, etc.).	
MSC TOTAL CREDIT HOURS REQUIRED	67

*All first-time, full-time freshmen students seeking a degree or certificate are required to enroll in Success Strategies and the New Student Symposium.

SUGGESTED COURSE SEQUENCE

	Credit Hours
FIRST SEMESTER	15
BIO 1404 Principles of Biology.....	4
CHM 1114 Chemistry I.....	4
ENG 1113 English Composition I	3
MTH 1513 College Algebra.....	3
COL 1211/1211L Success Strategies*	1
SECOND SEMESTER	16
ENG 1213 English Composition II	3
CHM 1214 Chemistry II	4
ZOO 1114 General Zoology	4
CIS 1113 Computer Applications.....	3
PE 1112 Personal Health (or).....	2
Any approved physical education course	
THIRD SEMESTER	17
HST 1483 US History to 1877 (or).....	3
HST 1493 US History since 1877	
Humanities Elective.....	3
MIC 2224 Intro to Microbiology.....	4
PHY 1114 General Physics I.....	4
SPC 1113 Fundamentals of Speech.....	3
FOURTH SEMESTER	17
BOT 1114 General Botany	4
GVT 1113 American Government.....	3
Humanities Elective.....	3
PHY 1214 General Physics II	4
PSY 1113 Introduction to Psychology	3

This is a suggested course sequence only. Students may, with guidance from an Academic Advisor as well as a Faculty Advisor, make changes to their specific course sequence. The student should be aware that changes may result in more than four semesters to complete their desired Associates Degree.

PROGRAM OVERVIEW

For admission to an undergraduate pre-professional curriculum the prospective veterinarian should have a special interest and excellent grades in the sciences, such as chemistry, physics, biology, and mathematics. Communication skills are also important. All veterinary colleges require a minimum of two years of pre-professional courses for admission, and the professional curriculum includes two years of the basic medical sciences followed by two years of clinical veterinary medicine, surgery, and other supplemental courses.

CAREER OPPORTUNITIES

- Private Companion Animal Practice
 - Small Animal
 - Large Animal
 - Equine
 - Exotic
- Animal Pathology Laboratories
- US Department of Agriculture
 - Food and Safety Inspection Service
 - Homeland Security
 - Epidemiological Research
- Industry
 - Animal Food Companies
 - Pharmaceutical Companies
- Biomedical Research
 - Universities
 - Pharmaceutical Companies
- US Military

GENERAL COLLEGE PREPARATORY REQUIREMENTS

Students may be required to complete transitional courses in English and/or math prior to being admitted into college level courses. Academic placement is determined either by ACT results or placement exams.