

NORTHEASTERN OKLAHOMA A&M COLLEGE

VETERINARY SCIENCE - (PRE)

PROGRAM REQUIREMENTS	60	SUGGESTED COURSE SEQUENCE	PROGRAM OVERVIEW	
General Education Requirements	37	Credit Hours	This curriculum is designed to fulfill in part the course requirements for entry into a school of Veterinary Science. Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses that will meet requirements for both the baccalaureate and associate degree programs. For more information, contact the Agriculture Department at (918)540-6368 or neoagriculture@neo.edu.	
ENGL 1113 English Composition I.....	3	FIRST SEMESTER		16
*ENGL 1213 English Composition II.....	3	ENGL 1113 English Composition I.....		3
HIST1483 or 1493 American History.....	3	HIST1483 or 1493 American History.....	3	
POLS 1113 American Government.....	3	ANSI 1124 Intro to Animal Science.....	4	
Humanities (see catalog).....	6	*MATH 1513 College Algebra.....	3	
*Lab Science.....	8	FYE 1011 Freshman Year Experience.....	1	
* College Math - MATH1513.....	3	AG 2112 Microcomputer Techniques in Ag.....	2	
Required Elective	3			
General Elective	3	SECOND SEMESTER	17	
AG 2112 Microcomputer Techniques in Ag.....	2	*ENGL 1213 English Composition II.....	3	
		POLS 1113 American Government.....	3	
PROGRAM REQUIREMENTS	23	BIOL 1114 Intro to Biology	4	
23 hours as directed by advisor:		AGEC 1114 Intro to Ag Economics.....	4	
FYE 1011 Freshman Year Experience.....		SPCH 2713 Intro to Speech Communication.....	3	
AG 2112 Microcomputer Techniques in Ag.....				
AGEC 1114 Intro to Ag Economics.....		THIRD SEMESTER	14	
ANSI 1124 Intro to Animal Science.....		Humanities (see catalog).....	3	
ANSI 2253 Meat Animal & Carcass Eval.....		#CHEM 1314 General Chemistry I.....	4	
BIOL 1114 Intro to Biology OR.....		*BIOL 1604 Animal Biology.....	4	
*BIOL1414 Cellular Physiology OR.....		PLNT 1213 Intro to Plant & Soil Systems.....	3	
*BIOL 2114 Anatomy and Physiology.....				
*BIOL 1604 Animal Biology.....		FOURTH SEMESTER	15	
#CHEM 1314 General Chemistry I.....		*CHEM 1514 General Chemistry II.....	4	
*CHEM 1514 General Chemistry II.....		Humanities (see catalog).....	3	
*CHEM 2345 Organic Chemistry.....		* MCRO 2124 Introduction to Microbiology.....	4	
#*MATH 1613 Trigonometry OR.....		*PHYS 1114 Principles of Physics I.....	4	
STAT 2023 Elementary Statistics in Bus.....				
* MCRO 2124 Introduction to Microbiology.....				
*PHYS 1114 Principles of Physics I.....				
*PHYS1214 Principles of Physics II.....				
PLNT 1213 Intro to Plant & Soil Systems.....				
SPCH 2713 Intro to Speech Communication.....				
(Approved Electives Max 6 hrs).....		The above list is a suggested course sequence only. Students may, with guidance from an academic advisor, make changes to the course sequence. Students should be aware that changes to the course sequence may require more than four semesters to complete their Associate Degree.	KEY * Prerequisite ~ Course may require admission specific program # Prerequisite or co-requisite ^Not offered every semester	
General College Preparatory Requirements				
NEO evaluates students for placement into their transitional or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by CPT test scores. These tests are administered in the Testing Centers at NEO College. Based upon these scores, some or all of the following courses may need to be taken prior to enrollment in the college level course. MATH 0013 Basic Math MATH 0113 Introductory Algebra MATH 0123 Intermediate Algebra MATH0125 Intermediate Algebra with Review ENGL 0123 Basic Composition CIED 0133 Improved Reading SCIENCE: A student may be required to complete MATH 0123 or higher and/or CIED 0133 before enrolling in a college-level science course.				