

NORTHEASTERN OKLAHOMA A&M COLLEGE

NATURAL SCIENCE

PROGRAM REQUIREMENTS	60	SUGGESTED COURSE SEQUENCE	PROGRAM OVERVIEW
<b>General Education Requirements</b>	<b>60</b>	Credit Hours	his curriculum is designed to fulfill in part the course requirements for entry into a school of Medicine, Pharmacy, Dentistry, Physical Therapy, Physician Assistant, etc., or for those seeking a baccalaureate degree in Biology, Marine Biology, Wildlife Biology, Microbiology, Environmental Science, Meteorology, Chemistry or other sciences. By proper advisement in the selection of electives, students may fulfill requirements for admission into Dental Hygiene, Radiology Technician, or other related fields of study. 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. Advisors will assist in this process.
ENGL 1113 English Composition I.....	3	<b>FIRST SEMESTER</b> <b>17</b>	
*ENGL 1213 English Composition II.....	3	ENGL 1113 English Composition I..... 3	
HIST1483 or 1493 American History.....	3	*MATH 1513 College Algebra..... 3	
POLS 1113 American Government.....	3	BIOL 1604 Animal Biology OR..... 4	
Humanities.....	6	BIOL 1404 Plant Biology.....	
Lab Science .....	8	FYE 1011 Freshman Year Experience..... 1	
*MATH 1513 College Algebra.....	3	HIST1483 or 1493 American History..... 3	
PSYC 1113 General Psychology or SOC I 1113.....	3	CS 1103 Computers in Society..... 3	
Additional liberal arts and science course .....	2	<b>SECOND SEMESTER</b> <b>15</b>	
CS 1103 Computers in Society.....	3	*ENGL 1213 English Composition II..... 3	
<b>PROGRAM REQUIREMENTS</b> .....	<b>23</b>	POLS 1113 American Government..... 3	
ACCT 2103 Financial Accounting.....		#MATH 1613 Trigonometry..... 3	
BIOL 1404 Plant Biology.....		PSYC 1113 General Psychology..... 3	
BIOL 1604 Animal Biology.....		HUMANITIES (select one)..... 3	
#BIOL 2101 Animal Biology Lab.....		<b>THIRD SEMESTER</b> <b>15</b>	
*BIOL 2114 Anatomy and Physiology.....		#CHEM 1314 General Chemistry I..... 4	
*BIOL 2534 Advanced Physiology.....		*PHYS 1114 Principles of Physics I ..... 4	
CHEM 1215 Principles of Chemistry I.....		HUMANITIES (select one)..... 3	
#CHEM 1314 General Chemistry I.....		*BIOL 2114 or GEOL 1114 or ENVR 1114..... 4	
*CHEM 1514 General Chemistry II.....		(depends on degree student is seeking).....	
*ENGL 2413 Introduction to Literature.....		<b>FOURTH SEMESTER</b> <b>15</b>	
ENVR 1114 Intro to Environmental Science.....		*CHEM 1514 General Chemistry II..... 4	
FYE 1011 Freshman Year Experience.....		*PHYS 1214 Principles of Physics II ..... 4	
GEOL 1114 Physical Geology.....		*MCRO 2124 Introduction to Microbiology..... 4	
#MATH 1613 Trigonometry.....		Elective..... 3	
*MATH 2145 Calculus I.....		NOTE: Some degrees require only CHEM 1215.	
*MATH 2155 Calculus II.....			
*MATH 2273 Calculus III.....			
*MCRO 2124 Introduction to Microbiology.....			
#MCRO 2301 Microbiology Lab.....			
*PHYS 1114 Principles of Physics I OR.....			
*PHYS 2015 Engineering Physics I.....			
*PHYS 1214 Principles of Physics II OR.....			
*PHYS 2115 Engineering Physics II.....			
Approved Elective (3 hours maximum).....			
		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 <b>changes to the course sequence may require more than four semesters to complete their Associate Degree.</b>	<b>KEY</b> * Prerequisite ~ Course may require admission specific program # Prerequisite or co-requisite ^Not offered every semester
<b>General College Preparatory Requirements</b>			
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.			

CAREER OPPORTUNITIES

- Dentistry
- Mortuary Science
- Optometry
- Pharmacy
- Physician's Assistant