

This degree is offered on NOC Enid and NOC Tonkawa campuses.

Program Requirements 60 Total Credit Hours

General Education Courses				37 Total Credit Hours	Program Requirement Courses				20 hours
English Composition Courses					* BIOL 1314	General Botany		4 hours	
ENGL	1113	English Composition I	3 hours	or	BIOL 1214	Environmental Science			
ENGL	1213	English Composition II	3 hours	* BIOL 1414	General Zoology		4 hours		
History & Government Courses					BIOL 2124	Microbiology		4 hours	
HIST	1483	American History to 1877	3 hours	CHEM 1414	General Chemistry II		4 hours		
or HIST	1493	American History Since 1877		PHYS 1114	General Physics I		4 hours		
POLI	1113	American Government	3 hours						
Humanities Courses									
Electives			6 hours	Recommended Program Elective Courses				3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.					BIOL 1214	Environmental Science		4 hours	
Mathematics Courses					* BIOL 2024	Entomology		4 hours	
MATH	1513	Algebra for STEM	3 hours	BIOL 2324	Comp Vertebrate Anatomy		4 hours		
Science Courses					* BIOL 2403	Intro to Wildlife Conservation		3 hours	
BIOL	1124	Biology for Majors	4 hours	MATH 1613	Plane Trigonometry		3 hours		
or BIOL	1114	General Biology		MATH 2023	Elementary Statistics		3 hours		
CHEM	1315	General Chemistry I	5 hours	PHYS 1214	General Physics II		4 hours		
Computer Science Courses					NUTR 2123	Intro to Human Nutrition		3 hours	
BADM	1113	Digital/Financial Literacy	3 hours	HPET 2212	First Aid		2 hours		
or	Other approved computer course								
Orientation Course									
ORNT	1101	Freshman Orientation	1 hour						
General Education Elective Course			3 hours						
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences					*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly				

The Associate in Science degree program in Biological Sciences prepares students to transfer to a four-year university to pursue a bachelor's degree or entry into the field of life science.

Students transferring should consult catalog from the institution to which they are planning to transfer to and carefully select courses that will meet the requirements to complete their bachelor's degree.

Career Opportunities: Animal/Plant Production, Pre-Veterinary, Medical Assistant, Veterinary Assistant, Research Lab Assistant, Pharmaceutical Sales, Wildlife Technician, Wildlife Production

This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.

Year One					
Fall Semester			Spring Semester		
ENGL	1113	English Composition I	ENGL	1213	English Composition II
HIST	1483	American History to 1877	CHEM	1315	General Chemistry I
	or		MATH	2023	Elementary Statistics
HIST	1493	American History Since 1877			(Recommended Program Elective)
MATH	1513	Algebra for STEM		3 hours	General Education Elective
BIOL	1124	Biology for Majors			
	or				
BIOL	1114	General Biology			
BADM	1113	Digital/Financial Literacy			
ORNT	1101	Freshman Orientation			
Total: 17 credit hours			Total 14 credit hours		

Year Two					
Fall Semester			Spring Semester		
CHEM	1414	General Chemistry II		3 hours	Humanities Elective
	3 hours	Humanities Elective	POLI	1113	American Government
BIOL	2124	Microbiology	*BIOL	1414	General Zoology
PHYS	1114	General Physics I	*BIOL	1314	General Botany
				or	
			*BIOL	1214	Environmental Science
			*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly		
Total 15 credit hours			Total 14 credit hours		

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: <http://www.noc.edu/act> for placement guidelines.