

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.