

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	* BIOL 1414	General Zoology		4 hours		
ENGL	1213	English Composition II	3 hours	BIOL 2124	Microbiology		4 hours		
History & Government Courses					CHEM 1414	General Chemistry II		4 hours	
HIST	1483	American History to 1877	3 hours	PHYS 1114	General Physics I		4 hours		
or HIST	1493	American History Since 1877							
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 2104	Human Anatomy		4 hours		
Science Courses					BIOL 2204	Human Physiology		4 hours	
BIOL	1124	Biology for Majors	4 hours	* BIOL 2403	Intro to Wildlife Conserv.		3 hours		
or BIOL	1114	General Biology		BIOL 2450	Supervised Study		1-3 hours		
CHEM	1315	General Chemistry I	5 hours	BIOL 2460	Internship		1-3 hours		
Computer Science Courses					HPET 2212	First Aid		2 hours	
BADM	1113	Digital/Financial Literacy	3 hours	MATH 1613	Plane Trigonometry		3 hours		
or	Other approved computer course			MATH 2023	Elementary Statistics		3 hours		
Orientation Course					NUTR 2123	Intro to Nutrition		3 hours	
ORNT	1101	Freshman Orientation	1 hour	PHYS 1214	General Physics II		4 hours		
General Education Elective Course			3 hours	PRDV 1101	Intro to Research		1 hour		
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences					PRDV 2321	Professional Development		1 hour	

*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: Plant Biologist, Animal Biologist, Microbiologist, Pre-Veterinary Medicine, Medical Assistant, Research Lab Assistant, Pharmaceutical Sales

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		
BADM	1113	Digital/Financial Literacy	CHEM	1315	General Chemistry I
BIOL	1114	General Biology	ENGL	1213	English Comp. II
				3 hours	Program/Gen. Ed Elective
BIOL	1124	Biology for Majors		3 hours	Program/Gen. Ed Elective
ENGL	1113	English Comp. I			
HIST	1483	American History to 1877			
HIST	1493	American History since 1877			
MATH	1583	Algebra for STEM			
ORNT	1101	Freshman Orientation			
Total: 17 credit hours			Total 14 credit hours		

Year Two

Fall Semester			Spring Semester		
*BIOL	1314	Botany	*BIOL	1414	General Zoology
CHEM	1414	General Chemistry II	BIOL	2124	Microbiology
	3 hours	Humanities Elective		3 hours	Humanities Elective
PHYS	1114	General Physics I	POLI	1113	American Government
Total 15 credit hours			Total 14 credit hours		

*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

NOC evaluates students for placement into supplemental/college-level courses or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined by A.C.T. test scores, corresponding A.C.T. challenge tests, holistic placement, or other college approved placement tests. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more supplemental courses for English, Math, Social Science, or Nursing. See the NOC testing web page by clicking on the following link: <http://www.noc.edu/act> for placement guidelines.