

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		16 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		Program Option Requirement Courses			4 hours
Humanities Courses						BIOL 1214	Environmental Science	4 hours
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 2024	Entomology	4 hours
Mathematics Courses						BIOL 2104	Human Anatomy	4 hours
MATH	1483	Math Functions	3 hours			BIOL 2204	Human Physiology	4 hours
or	Higher level math course				*	BIOL 2403	Intro to Wildlife Conserv.	3 hours
Science Courses						BIOL 2450	Supervised Study	1-3 hours
BIOL	1124	Biology for Majors	4 hours			BIOL 2460	Internship	1-3 hours
or BIOL	1114	General Biology				HPET 2212	First Aid	2 hours
CHEM	1315	General Chemistry I	5 hours			MATH 1613	Plane Trigonometry	3 hours
Computer Science Courses						MATH 2023	Elementary Statistics	3 hours
BADM	1113	Digital/Financial Literacy	3 hours			NUTR 2123	Intro to Nutrition	3 hours
or	Other approved computer course					PHYS 1214	General Physics II	4 hours
Orientation Course						PRDV 1101	Intro to Research	1 hour
ORNT	1101	Freshman Orientation	1 hour			PRDV 2321	Professional Development	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: 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
or				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			
or					
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.