

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
					*	BIOL	2024	Entomology	4 hours
Mathematics Courses						BIOL	2104	Human Anatomy	4 hours
MATH	1513	Algebra for STEM	3 hours			BIOL	2204	Human Physiology	4 hours
Science Courses					*	BIOL	2403	Intro to Wildlife Conserv.	3 hours
BIOL	1124	Biology for Majors	4 hours			BIOL	2450	Supervised Study	1-3 hours
or BIOL	1114	General Biology				BIOL	2460	Internship	1-3 hours
CHEM	1315	General Chemistry I	5 hours			HPET	2212	First Aid	2 hours
Computer Science Courses						MATH	1613	Plane Trigonometry	3 hours
BADM	1113	Digital/Financial Literacy	3 hours			MATH	2023	Elementary Statistics	3 hours
or	Other approved computer course					NUTR	2123	Intro to Nutrition	3 hours
Orientation Course						PHYS	1214	General Physics II	4 hours
ORNT	1101	Freshman Orientation	1 hour			PRDV	1101	Intro to Research	1 hour
General Education Elective Course			3 hours			PRDV	2321	Professional Development	1 hour
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.