

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

Program Requirements 60 Total Credit Hours

General Education Courses				Program Requirement Courses			
37 Total Credit Hours				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				
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.							
Mathematics Courses					BIOL 1214	Environmental Science	4 hours
MATH 1513	Algebra for STEM	3 hours		*	BIOL 2024	Entomology	4 hours
Science Courses					BIOL 2104	Human Anatomy	4 hours
BIOL 1124	Biology for Majors	4 hours			BIOL 2204	Human Physiology	4 hours
or BIOL 1114	General Biology			*	BIOL 2403	Intro to Wildlife Conserv.	3 hours
CHEM 1315	General Chemistry I	5 hours			BIOL 2450	Supervised Study	1-3 hours
Computer Science Courses					BIOL 2460	Internship	1-3 hours
BADM 1113	Digital/Financial Literacy	3 hours			HPET 2212	First Aid	2 hours
or Other approved computer course					MATH 1613	Plane Trigonometry	3 hours
Orientation Course					MATH 2023	Elementary Statistics	3 hours
ORNT 1101	Freshman Orientation	1 hour			NUTR 2123	Intro to Nutrition	3 hours
General Education Elective Course					PHYS 1214	General Physics II	4 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences					PRDV 1101	Intro to Research	1 hour
					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
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.