

Biological Sciences Associate in Science Degree Division of Ag and Biological Science

Life changing.

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

Program Requirements 60 Total Credit Hours									
General Education Courses 37 Total Credit Hours					Pro	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 187	7		PHYS	1114	General Physics I	4 hours
	POLI	1113	American Government	3 hours					
Humanities Courses									
	Elective	S		6 hours	Re	3 hours			
One 3 hour course to be chosen from those listed with the						BIOL	1214	Environmental Science	4 hours
Inte	International Dimension and 3 hours of humanities electives.					BIOL	2024	Entomology	4 hours
Ma	thematics	Course	S			BIOL	2324	Comp Vertebrate Anatomy	4 hours
	MATH	1513	Algebra for STEM	3 hours	*	BIOL	2403	Intro to Wildlife	3 hours
Science Courses							Conservation		
	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				PRDV	1101	Intro to Research	1 hour		
Orientation Course						PRDV	2321	Professional Development	1 hour
	ORNT	1101	Freshman Orientation	1 hour					
Gei	General Education Elective Course 3 hours								
Select courses from: Language Arts, Natural Sciences, Foreign				*These program courses are typically offered only once a year.					
	Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences						escription	ns for fall or spring designations a	and plan
200	Social Sciences				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



Biological Sciences Associate in Science Degree Division of Ag and Biological Science

Life changing.

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	*BIOL	1414	General Zoology		
	3 hours	Humanities Elective		3 hours	Humanities Elective		
*BIOL	1314	General Botany	BIOL	2124	Microbiology		
or			POLI	1113	American Government		
*BIOL	1214	Environmental Science					
PHYS	1114	General Physics I					
			*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.