

## Biological Sciences, Pre-Medicine Option 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					Program Re	20 hours		
English Composition Courses					BIOL	2104	Human Anatomy	4 hours
	ENGL	1113	English Composition I	3 hours	BIOL	2124	Microbiology	4 hours
	ENGL	1213	English Composition II	3 hours	CHEM	1414	General Chemistry II	4 hours
History & Government Courses				PHYS	1114	General Physics I	4 hours	
	HIST	1483	American History to 1877	3 hours	PHYS	1214	General Physics II	4 hours
or	HIST	1493	American History Since 1877	7				
	POLI	1113	American Government	3 hours				
Hur	nanities C	ourses						
	Electives	3		6 hours	Recommen	3 hours		
One 3 hour course to be chosen from those listed with the					BIOL	1414	General Zoology	4 hours
Inte	International Dimension and 3 hours of humanities electives.					2204	Human Physiology	4 hours
Mat	Mathematics Courses				BIOL	2450	Supervised Study	1-3 hours
	*MATH	1513	Algebra for STEM	3 hours	BIOL	2460	Internship	1-3 hours
Science Courses				COMM	1713	Intro to Oral Communication	3 hours	
	BIOL	1124	Biology for Majors	4 hours	HPET	1223	Health, Ed. & Wellness	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				NUTR	2123	Intro to Human Nutrition	3 hours	
	BADM	1113	Digital/Financial Literacy	3 hours	PRDV	1101	Intro to Research	1 hour
or	Other ap	proved	computer course		PRDV	2321	Professional Development	1 hour
Orie	entation C	ourse			PSYC	1113	General Psychology	3 hours
	ORNT	1101	Freshman Orientation	1 hour	SOCI	1113	Principles of Sociology	3 hours
Ger	General Education Elective Course 3 hours							
Lan	Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences							

The Pre-Medicine degree option is designed for the student whose goal is to be a medical doctor. Students wishing to go into a different medical field such as physical therapy should consult an academic advisor in pre-medicine about specific requirements.

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:** Chiropractor, Dental Hygiene, Dentistry, Medical Doctor, Funeral Science, Nutrition, Occupational Therapist, Optometry, Osteopathic, Physician's Assistant, Medical Research, Physical Therapist, Wellness, Radiology/ Medical Imaging

Page 102 2025-2026



## Biological Sciences, Pre-Medicine Option 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	
MATH	1513	Algebra for STEM	BADM	1113	Digital/Financial Literacy	
ORNT	1101		BIOL	2104	Human Anatomy	
BIOL	1124	Biology for Majors	CHEM	1315	General Chemistry I	
or		Freshman Orientation				
BIOL	1114	General Biology				
HIST	1483	American History to 1877				
or						
HIST	1493	American History Since 1877				
	3 hours	Humanities Elective				
Total: 1	Total: 17 credit hours				ours	

Year Two							
Fall Semester				Spring Semester			
BIOL	2124	Microbiology	PHYS	1214	General Physics II		
CHEM	1414	General Chemistry II	POLI	1113	American Government		
PHYS	1114	General Physics I		3 hours	General Education Elective		
	3 hours	Humanities Elective		3 hours	Program Elective		
Total 15 credit hours			Total 13 credit hours				

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: <a href="http://www.noc.edu/act">http://www.noc.edu/act</a> for placement guidelines.