

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	1414	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 187	7				
	POLI	1113	American Government	3 hours				
Hur	manities C	Courses						
	Elective	S		6 hours	Recommend	3 hours		
One 3 hour course to be chosen from those listed with the					BIOL	2204	Human Physiology	4 hours
Inte	International Dimension and 3 hours of humanities electives.				COMM	1713	Intro to Oral Communication	3 hours
Mathematics Courses				HPET	2212	First Aid	2 hours	
	*MATH	1513	Algebra for STEM	3 hours	MATH	1613	Plane Trigonometry	3 hours
Science Courses				NUTR	2123	Intro to Human Nutrition	3 hours	
	BIOL	1124	Biology for Majors	4 hours	PRDV	1101	Intro to Research	1 hour
or	BIOL	1114	General Biology		PRDV	2321	Professional Development	1 hour
	CHEM	1315	General Chemistry I	5 hours	PSYC	1113	General Psychology	3 hours
Computer Science Courses				SOCI	1113	Principles of Sociology	3 hours	
	BADM	1113	Digital/Financial Literacy	3 hours				
or Other approved computer course								
Orie	Orientation Course							
	ORNT	1101	Freshman Orientation	1 hour				
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, Medical Doctor, Funeral Science, Nutrition, Occupational Therapist, Optometry, Osteopathic, Medical, Research, Physical Therapist, Wellness, Radiology/ Medical Imaging



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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		
POLI	1113	American Government	BIOL	2104	Human Anatomy		
BIOL	1124	Biology for Majors	CHEM	1315	General Chemistry I		
or							
BIOL	1114	General Biology					
	3 hours	Humanities Elective					
ORNT	1101	Freshman Orientation					
Total: 1	Total: 17 credit hours				Total 15 credit hours		

Year Two						
Fall Semester			Spring Semester			
HIST	1483	American History to 1877		3 hours	Humanities Elective	
or			PHYS	1214	General Physics II	
HIST	1493	American History Since 1877		3 hours	General Education Elective	
BIOL	2124	Microbiology		3 hours	Program Elective	
CHEM	1414	General Chemistry II				
PHYS	1114	General Physics I				
Total 15 credit hours			Total 13 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.