

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
ENGR	1111	Introduction to Engineering	HIST	1483	American History to 1877
CHEM	1515	Chemistry for Engineers	or		
ORNT	1101	Freshman Orientation	HIST	1493	American History Since 1877
**MATH	1513	Algebra for STEM -If ACT score requires it	*MATH	2144	Calculus I
		or Program Elective	*PHYS	2014	Engineering Physics I
**MATH	1613	Plane Trigonometry		3 hours	Computer Science Course
Total: 16 credit hours			Total 17 credit hours		

### Year Two

Fall Semester			Spring Semester		
ENGR	2443	Thermodynamics	*MATH	2164	Calculus III
PHYS	2114	Engineering Physics II	POLI	1113	American Government
	3 hours	Humanities Elective		Program Elective Recommended:	
*MATH	2154	Calculus II	ENGR	2113	Statics
			or		
			*MATH	2613	Differential Equations
				3 hours	Humanities Elective
Total 14 credit hours			Total 13 credit hours		

#### Suggested NOC courses for specific engineering disciplines:

ENGR 2123 Dynamics 3 hours

#### BIOSYSTEMS AGRICULTURAL:

BIOL 2124 Microbiology 4 hours

BIOL 1414 General Zoology 4 hours

Students need to consult with the engineering school of interest for Chemistry and Biology requirements.

\*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.

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

**Program Requirements 61 Total Credit Hours**

General Education Courses				37 Total Credit Hours	Program Requirement Courses				18 hours
English Composition Courses					*	BIOL	2104	Human Anatomy	4 hours
ENGL	1113	English Composition I	3 hours	or		BIOL	2214	Human Anat. & Physiology	
ENGL	1213	English Composition II	3 hours		*	BIOL	2204	Human Physiology	4 hours
History & Government Courses						BIOL	2124	Microbiology	4 hours
HIST	1483	American History to 1877	3 hours		PSYC	1113	General Psychology	3 hours	
or HIST	1493	American History Since 1877			SOCI	1113	Principles of Sociology	3 hours	
POLI	1113	American Government	3 hours						
Humanities Courses									
Electives			6 hours		Recommended Program Elective Courses				6 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.					(Combine with Gen Ed. Hours to choose 9 hours)				
						NUTR	2123	Intro to Human Nutrition	3 hours
Mathematics Courses						MATH	2023	Elementary Statistics	3 hours
MATH	1483	Math Functions	3 hours		HLTH	1113	Medical Terminology	3 hours	
Science Courses					Consult transfer guidelines for specific institutions to identify other recommended electives.				
BIOL	1114	General Biology I	4 hours						
or BIOL	1124	Biology for Majors							
CHEM	1315	General Chemistry I	5 hours						
Computer Science Courses									
BADM	1113	Digital/Financial Literacy	3 hours						
or	Other approved computer course								
Orientation Course									
ORNT	1101	Freshman Orientation	1 hour						
or NURS	1003	Introduction to Nursing	3 hours						
General Education Elective Course			3 hours						
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.				

**Recommended Program Elective Courses 6 hours**

(Combine with Gen Ed. Hours to choose 9 hours)

NUTR	2123	Intro to Human Nutrition	3 hours
MATH	2023	Elementary Statistics	3 hours
HLTH	1113	Medical Terminology	3 hours

Consult transfer guidelines for specific institutions to identify other recommended electives.

\*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

This Associate in Science degree program prepares students to transfer to a four-year university to pursue the Bachelor's degree in Nursing.

Graduates of this program may not be able to transfer directly to a junior year Bachelor's degree in Nursing. Students should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree. Any student interested in nursing can join the Student Nurses Association, both local and national.

**Career Opportunities:** Nursing