

Biological Sciences

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.)

PROGRAM REQUIREMENTS	Credit Hours
GENERAL EDUCATION	37
ENGLISH COMPOSITION	
ENGL 1113 English Composition I	3
ENGL 1213 English Composition II	3
HISTORY AND GOVERNMENT	
HIST 1483 American History to 1877 (or)	
HIST 1493 Am. History Since 1877	3
POLI 1113 American Government	3
HUMANITIES	
Electives	6
One 3-hour course to be chosen from those listed with International Dimension and 3 hours of humanities electives.	
MATHEMATICS	
MATH 1513 College Algebra	3
SCIENCE	
BISI 1124 Biology for Majors	4
CHEM 1314 General Chemistry I	4
COMPUTER SCIENCE	
BSAD 1113 Digital/Financial Literacy	3
(or other approved computer course)	
ORIENTATION	
ORNT 1101 Freshman Orientation	1
GENERAL EDUCATION ELECTIVES	4
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.	
It is advised that if a student takes a <u>three</u> credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program Electives below.	
PROGRAM REQUIREMENTS	20
**BISI 1314 General Botany	4
**BISI 1414 General Zoology	4
BISI 2124 Microbiology	4
CHEM 1414 General Chemistry II.....	4
**PHYS 1114 General Physics I	4
Substitutions may be made with prior approval.	
RECOMMENDED PROGRAM ELECTIVES...3	
BISI 1214 Environmental Science	4
**BISI 2024 Entomology	4
BISI 2324 Comp Vertebrate Anatomy	4
**BISI 2403 Intro to Wildlife Conservation .3	
MATH 1613 Plane Trigonometry	3
MATH 2023 Elementary Statistics	3
**PHYS 1214 General Physics II	4
NUTR 2123 Intro to Human Nutrition	3
HPET 2212 First Aid	2
TOTAL CREDIT HOURS	60

SUGGESTED COURSE SEQUENCE	Credit Hours
FIRST SEMESTER	17
ENGL 1113 English Composition I	3
ORNT 1101 Freshman Orientation	1
BISI 1124 Biology for Majors	4
MATH 1513 College Algebra	3
BSAD 1113 Digital/Financial Literacy.....	3
HIST 1483 American History to 1877 (or)	
HIST 1493 American History Since 1877 ..	3
SECOND SEMESTER	14
ENGL 1213 English Composition II	3
CHEM 1314 General Chemistry I	4
MATH 2023 (recommended prog elective) ...	3
General Education Elective	4
THIRD SEMESTER	15
CHEM 1414 General Chemistry II	4
Humanities Elective	3
BISI 1314 General Botany	4
PHYS 1114 General Physics I	4
FOURTH SEMESTER	14
Humanities Elective	3
BISI 1414 General Zoology	4
BISI 2124 Microbiology	4
POLI 1113 American Government	3

This is a suggested sequence timeline only. A student may require more than four semesters to complete this Associate in Science degree.

**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 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.

- Career Opportunities**
- Animal/Plant Production
 - Pre-Veterinary
 - Medical Assistant
 - Veterinarian Assistant
 - Research Lab Assistant
 - Pharmaceutical Sales
 - Wildlife Technician
 - Wildlife Production

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 ACT 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 at <http://www.noc.edu/act> for placement guidelines.