

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 Requirement Courses                                                                                                                  |                          |                             |                     | 19 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                                                                                                                                                                                                                                                                                                                            |                                |                             |         |                                      | *                                                                                                                                            | MATH                     | 2103                        | Elementary Calculus | 3 hours  |
| HIST                                                                                                                                                                                                                                                                                                                                                    | 1483                           | American History to 1877    | 3 hours | PHYS                                 | 1114                                                                                                                                         | General Physics I        | 4 hours                     |                     |          |
| or HIST                                                                                                                                                                                                                                                                                                                                                 | 1493                           | American History Since 1877 |         |                                      |                                                                                                                                              |                          |                             |                     |          |
| POLI                                                                                                                                                                                                                                                                                                                                                    | 1113                           | American Government         | 3 hours |                                      |                                                                                                                                              |                          |                             |                     |          |
| Humanities Courses                                                                                                                                                                                                                                                                                                                                      |                                |                             |         |                                      |                                                                                                                                              |                          |                             |                     |          |
| Electives                                                                                                                                                                                                                                                                                                                                               |                                |                             | 6 hours | Recommended Program Elective Courses |                                                                                                                                              |                          |                             | 4 hours             |          |
| One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.                                                                                                                                                                                                                                  |                                |                             |         |                                      | COMM                                                                                                                                         | 1713                     | Intro to Oral Communication | 3 hours             |          |
| Mathematics Courses                                                                                                                                                                                                                                                                                                                                     |                                |                             |         |                                      | ECON                                                                                                                                         | 2113                     | Macroeconomics              | 3 hours             |          |
| MATH                                                                                                                                                                                                                                                                                                                                                    | 1513                           | Algebra for STEM            | 3 hours | MATH                                 | 2023                                                                                                                                         | Elementary Statistics    | 3 hours                     |                     |          |
| Science Courses                                                                                                                                                                                                                                                                                                                                         |                                |                             |         |                                      | PRDV                                                                                                                                         | 1101                     | Intro to Research           | 1 hour              |          |
| BIOL                                                                                                                                                                                                                                                                                                                                                    | 1124                           | Biology for Majors          | 4 hours | PRDV                                 | 2321                                                                                                                                         | Professional Development | 1 hour                      |                     |          |
| or BIOL                                                                                                                                                                                                                                                                                                                                                 | 1114                           | General Biology             |         | PSYC                                 | 1113                                                                                                                                         | General Psychology       | 3 hours                     |                     |          |
| 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  |                                      |                                                                                                                                              |                          |                             |                     |          |
| General Education Elective Course                                                                                                                                                                                                                                                                                                                       |                                |                             | 3 hours |                                      |                                                                                                                                              |                          |                             |                     |          |
| 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 three credit hour course to apply to this requirement, the fourth credit hour may be counted from overage hours taken from the Recommended Program electives below. |                                |                             |         |                                      | *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 Pharmacy.

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:** Pharmaceutical Research, Pharmacy, Pharmaceutical Sales

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**

| <b>Fall Semester</b>   |      |                       | <b>Spring Semester</b>                                                                                                                       |      |                             |
|------------------------|------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------|
| ENGL                   | 1113 | English Composition I | ENGL                                                                                                                                         | 1213 | English Composition II      |
| MATH                   | 1513 | Algebra for STEM      | HIST                                                                                                                                         | 1483 | American History to 1877    |
| BIOL                   | 1124 | Biology for Majors    | or                                                                                                                                           |      |                             |
| or                     |      |                       | HIST                                                                                                                                         | 1493 | American History Since 1877 |
| BIOL                   | 1114 | General Biology       | BADM                                                                                                                                         | 1113 | Digital/Financial Literacy  |
| CHEM                   | 1315 | General Chemistry I   | CHEM                                                                                                                                         | 1414 | General Chemistry II        |
| ORNT                   | 1101 | Freshman Orientation  | *MATH                                                                                                                                        | 2103 | Elementary Calculus         |
|                        |      |                       | *These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly. |      |                             |
| Total: 16 credit hours |      |                       | Total 16 credit hours                                                                                                                        |      |                             |

**Year Two**

| <b>Fall Semester</b>  |         |                     | <b>Spring Semester</b>                                                                                                           |         |                             |
|-----------------------|---------|---------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------|
| POLI                  | 1113    | American Government |                                                                                                                                  | 3 hours | Humanities Elective         |
|                       | 3 hours | Humanities Elective | BIOL                                                                                                                             | 2124    | Microbiology                |
| BIOL                  | 2104    | Human Anatomy       | COMM                                                                                                                             | 1713    | Intro to Oral Communication |
| PHYS                  | 1114    | General Physics I   |                                                                                                                                  |         | (Recommended Elective)      |
|                       |         |                     |                                                                                                                                  | 4 hours | Program/Gen. Ed Electives   |
|                       |         |                     | Hours from recommended program electives and general education electives may be combined for final 6 hours required to graduate. |         |                             |
| Total 14 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.