The Natural Science transfer curriculum plan is designed for the individual who is considering a career in any of the life sciences. All colleges and universities require core courses such as English, social sciences, humanities, and physical education, as well as a strong foundation in mathematics, chemistry, and biology for students seeking a bachelor's degree. The mathematics and science courses form the foundation for more advanced studies at the university.

To be successful in this field, you must be strongly motivated, possess high scholastic ability and have an interest in an aptitude for mathematics and the sciences. Important skills include attention to details, a strongly developed sense of curiosity and imagination, self-discipline, patience, and ambition.

Students entering the Natural Science transfer curriculum plan who do not have the proper prerequisites may need additional preparatory classes.

The Natural Science plan provides preparation for the professional curriculum and meets the Liberal Arts Program Purposes listed in the NDSCS Catalog.

Careers in the Natural Sciences are many and varied. Possible areas of specialization include biology, botany, genetics, ecology, microbiology, and zoology. Many job opportunities exist in education, research and government agencies. Although some entry-level positions require only a bachelor’s degree, most jobs require one or more advanced degrees such as a master’s or Ph.D.

### Course Code | Course Title               | Credits |
---           | ---                       | ---     |
BIOL 150     | General Biology I         | 3       |
BIOL 150L    | General Biology I Lab     | 1       |
BIOL 151     | General Biology II        | 1       |
BIOL 151L    | General Biology II Lab    | 1       |
CHEM 121     | General Chemistry I       | 4       |
CHEM 121L    | General Chemistry I Lab   | 1       |
CHEM 122     | General Chemistry II      | 4       |
CHEM 122L    | General Chemistry II Lab  | 1       |
CHEM 241     | Organic Chemistry I       | 4       |
CHEM 241L    | Organic Chemistry I Lab   | 1       |
CHEM 242     | Organic Chemistry II      | 4       |
CHEM 242L    | Organic Chemistry II Lab  | 1       |
COMM 110     | Fundamentals of Public Speaking | 3       |
ENGL 110     | College Composition I     | 3       |
ENGL 120     | College Composition II    | 3       |
FYE 101      | Science of Success       | 1       |
MATH 165     | Calculus I                | 4       |
MATH 166     | Calculus II               | 4       |
PHYS 211     | College Physics I         | 3       |
PHYS 211L    | College Physics I Lab     | 1       |
Computer Information System Elective | 2       |
Any course marked ND:COMPSC Humanities/History Electives | 6       |
From two different prefixes within the categories marked ND:HUM or ND:HIST Social and Behavioral Science Electives | 8       |
From two or more prefixes within the category marked ND:SS Wellness Elective(s) | 2       |

**Total Required Credits** 68

PHYS 212 College Physics II and PHYS 212L College Physics II Lab are also recommended but not required for graduation.

This curriculum meets the North Dakota University System general education requirements as indicated in the NDSCS Catalog under the heading: NDUS General Education Transfer Agreement.

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**Admission Requirements**

The applicants must be high school graduates or equivalent. Helpful courses to prepare for this program are biology, computer science, chemistry, zoology, mathematics, physics, and English. Courses that develop reading and communications skills are also recommended. Applicants may be required to complete a basic skills evaluation during the admissions process.

**Award**

Upon successful completion of the required courses, students will be awarded an Associate in Science degree in Liberal Arts.