Liberal Arts (Natural Science Transfer)

Degree Type
Associate in Science

Contact Information

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Delivery Methods

Face-to-Face: Wahpeton
Online: Some Classes
Combination

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 and 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.

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.

Required Courses

Course Code	Title	Credits
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Lab	1
BIOL 151	General Biology II	3
BIOL 151L	General Biology II Lab	1
CHEM 121	General Chemistry I	4
CHEM 121L	General Chemistry I Laboratory	1
CHEM 122	General Chemistry II	4
CHEM 122L	General Chemistry II Laboratory	1
CHEM 241	Organic Chemistry I	4
CHEM 241L	Organic Chemistry I Laboratory	1
CHEM 242	Organic Chemistry II	4
CHEM 242L	Organic Chemistry II Laboratory	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 credits)	2
	Humanities/History Electives (6 credits)	6
	Social and Behavioral Science Electives (8 credits)	8
	Wellness Elective(s) (2 credits)	2

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.

	Total Required Credits	**68**