



BACHELOR OF SCIENCE DEGREE PROGRAM

Environmental Science

NHSC's Environmental Science Program focuses on integrating local Fort Berthold environmental issues with Mandan, Hidatsa and Arikara cultures. The program provides a solid foundation in a range of specialties including water, air and soil quality; wildlife, range and fisheries management; toxicology; and resource conservation, allowing you to work in a wide range of natural resource-related areas. The program will prepare you for employment in fields such as fish and wildlife management, recreation management, resource management, environmental quality and range/grasslands management. You will study a range of specialties, but should specialize in one field by choosing your electives, student internship and field research.

Career paths available with a bachelor's degree in environmental sciences include:

- Amenity horticulturist
- Commercial horticulturist
- Environmental consultant
- Environmental education officer
- Environmental engineer
- Environmental manager
- Horticultural consultant
- Horticultural therapist

TOGETHER WE THRIVE

Start Your Career Today!



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301 College Drive, New Town, ND 58763

GENERAL EDUCATION COURSES

COURSE/TITLE	CREDITS
ENGLISH & SPEECH (9)	
COMM 110 Fundamentals of Public Speaking	3
ENG 110 Composition I	3
ENG 120 Composition II	3
FOUNDATIONS & FITNESS (1)	
PSY 100 Psychology of Student Success	1
HUMANITIES & NATIVE AMERICAN STUDIES (6)	
NAS 201 History of TAT	3
NAS 113/115 or 117 Hidatsa, Mandan, Arikara	3
MATH, SCIENCE & TECHNOLOGY (11)	
MA 103 (or above) College Algebra	4
BIO 101 Biology I/Lab	4
CSCI 101 Introduction to Computers	3
SOCIAL/BEHAVIORAL SCIENCE (6 AS ADVISED)	
POLS 234 Basic Indian Law	3
WELLNESS (2 AS ADVISED)	

CORE REQUIREMENTS

COURSE/TITLE	CREDITS
ARSC 236 Intro to Range Management	3
BIO 124 Environmental Science	4
BIO 151 Biology II	4
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
GEOL 100 Earth Science	4
MA 210 Elementary Statistics	4
NAS 125 Tribal GIS (Geog. Info Syst.)	3
SOIL 210 Introduction to Soil Science	3
RESEARCH COMPONENT ELECTIVE (5) FIELD STUDY	
BIO 316 Global Climate Change	3
BIO 324 Ecology	3
BIO 331 Soil Ecology	3
BIO 350 Freshwater Ecology	4
BIO 370 Zoology	4
BIO 420 Air & Water Quality	4
BIO 421 Environmental Toxicology	3
BIO 422 Environmental Law	3
BIO 431 Wild/Fish Conserv. & Mang.	3
BIO 460 TAT Environmental Issues, Beliefs, Ethics	3
BIO 493 Senior Field Research	3
ENG 452 Science Lit. & Writing	3

RESEARCH COMPONENT ELECTIVE (5) FIELD OF STUDY

BIO 225 Research Methods	3
BIO 230 Field Research	3
BIO 297 Environmental Science Internship	2

ELECTIVE REQUIREMENTS (3) FIELD OF STUDY

BIO 206 Ethnobotany	4
BIO 433 Wildlife Ecology	3
BIO 443 Range Ecology	3
BIO 444 Grassland Ecology	3
BIO 450 Mammalogy	3

<i>Total General Education Requirements Required</i>	35
<i>Total Core Required Credits</i>	33
<i>Professional Requirements</i>	39
<i>Research Component Elective (Field of Study)</i>	5
<i>Electives (Field of Study)</i>	7
<i>Total Degree Credits</i>	119

