



Bachelor of Science Degree Native Environmental Science

Choose from two options: **Environmental Science** (below) or **Interdisciplinary Concentration** (on reverse)

Environmental Science Option: intended for students interested in pursuing careers in the fields of biology or environmental science using both western science and Native knowledge and ways of knowing. Students completing this option may also be interested in pursuing graduate studies in environmental science.

DTA Requirements

General Education Requirements 14 credits

- ENGL 101 - Composition I 5 credits
- ENGL 102 or 202 - 2nd ENGL 5 credits
- CMST 101 or 210 or 220 4 credits

Math Requirement 10 credits

- MATH 102 - College Algebra 5 credits
- MATH 107 - Elementary Statistics 5 credits

Humanities Requirement 15 credits

Minimum 10 credits must be Humanities Theory.

Minimum 5 credits must be coded as NASD*

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

Social Science Requirement 15 credits

- POLS 225 - History/Indian Policy* 5 credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

NASD Natural Science Requirement* 5 credits

- BIOL 104 or ENVS 201 5 credits

Student Success Courses 7 credits

- CMPS 101 - Intro to Computers 3 credits
- HMDV 110 - Intro Success Learn 4 credits

Other Environmental Science Prerequisites 20 credits

- CHEM 111 - Inorganic Chemistry 5 credits
- CHEM 112 - Organic Chemistry 5 credits
- CHEM 113 - Biochemistry 5 credits
- GEOL 101 - Intro to Geology 5 credits

Environmental Science Requirements

Native Environmental Science Core Courses 34 credits

- NESC 301 - Ecology 1st People 3 credits
- NESC 310 - Native Science 5 credits
- NESC 393A - NES Seminar III 1 credit
- NESC 393B - NES Seminar III 1 credit
- NESC 393C - NES Seminar III 1 credit
- NESC 493A - NES Seminar IV 1 credit
- NESC 493B - NES Seminar IV 1 credit
- NESC 493C - NES Seminar IV 1 credit
- NESC 497 - Internship in NES 5 credits
- NESC 499A - NES Capstone Project 5 credits
- NESC 499B - NES Capstone Project 5 credits
- POLS 319 - Beginning of Time 5 credits

Environmental Science Requirements 35 credits

- BIOL 201 - Cell Biology 5 credits
- BIOL 202 - Plant Biology 5 credits
- BIOL 203 - Animal Biology 5 credits
- BIOL 310 - Ecology 5 credits
- MATH 210 - Biostatistics 5 credits
- Choose TWO of the following: 10 credits
 - ENVS 430 - Aquatic Ecology, or
 - ENVS 440 - Ecology of Salish Sea, or
 - ENVS 481 - Ecophysiology

Electives 26 credits

Choose electives from BIOL, BUAD, CHEM, CMPS, COMH, ECON, ENVS, GEOG, GEOL, MATH, NASD, NESC, PHYS, or POLS departments. Minimum 11 credits must be 300-499 level. Maximum of 10 credits may be individualized studies courses (189, 289, 389, or 489).

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

Total minimum required credits: 180

*An additional 5 credits of NASD coded work is required in humanities or social sciences to total 20 NASD credits

Bachelor of Science Degree
Native Environmental Science

Interdisciplinary Concentration Option: The Interdisciplinary Concentration allows students flexibility in designing a program that meets their own academic, professional, and personal goals within the framework of the Native Environmental Science degree. Students design a concentration under the guidance of a concentration committee. This option requires students to take significant responsibility for the concentration's design and development. The Concentration Credits consist of 56 credits, 5 of which are required coursework, 30 credits of courses that already exist at NWIC or approved upper division courses at WWU or another college, plus 21 credits of individualized courses developed within the student's concentration following the Native Environmental Sciences individualized course guidelines. At least 26 of the Concentration Credits, which include NESC 305, must be at the 300-499 level.

DTA Requirements

General Education Requirements 14 credits

- ENGL 101 - Composition I 5 credits
- ENGL 102 or 202 - 2nd ENGL 5 credits
- CMST 101 or 210 or 220 4 credits

Math Requirement 5 credits

- MATH 102 or 107 5 credits

Humanities Requirement 15 credits

Minimum 10 credits must be Humanities Theory.

Minimum 5 credits must be coded as NASD*

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

Social Science Requirement 15 credits

- POLS 225 - History/Indian Policy* 5 credits
- _____ credits
- _____ credits
- _____ credits

NASD Natural Science Requirement* 5 credits

- BIOL 104 or ENV 201 5 credits

Student Success Courses 7 credits

- CMPS 101 - Intro to Computers 3 credits
- HMDV 110 - Intro Success Learn 4 credits

Other Environmental Science Prerequisites 15 credits

- BIOL 100, 101, 111, 130, or 201 5 credits
- CHEM 111 or 121 5 credits
- GEOL 101 or 111 5 credits

DTA Electives 14 credits

Any lower division electives to total 90 DTA credits

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

Interdisciplinary Concentration Requirements

Native Environmental Science Core Courses 34 credits

- NESC 301 - Ecology 1st People 3 credits
- NESC 310 - Native Science 5 credits
- NESC 393A - NES Seminar III 1 credit
- NESC 393B - NES Seminar III 1 credit
- NESC 393C - NES Seminar III 1 credit
- NESC 493A - NES Seminar IV 1 credit
- NESC 493B - NES Seminar IV 1 credit
- NESC 493C - NES Seminar IV 1 credit
- NESC 497 - Internship in NES 5 credits
- NESC 499A - NES Capstone Project 5 credits
- NESC 499B - NES Capstone Project 5 credits
- POLS 319 - Beginning of Time 5 credits

Interdisciplinary Concentration Credits 56 credits

Minimum 26 credits must be 300-499 level

- NESC 305 - Concentration Seminar 5 credits

Existing courses within concentration 30 credits

Must be approved in NESC 305

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

Individualized Studies within concentration 21 credits

Minimum 5 credits must be service learning

- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits
- _____ credits

*An additional 5 credits of NASD coded work is required in humanities, social sciences or electives to total 20 NASD credits

Total minimum required credits: 180