

PROGRAMS OF STUDY

BACHELOR OF SCIENCE IN NATIVE ENVIRONMENTAL SCIENCE

The program of study prepares students to grow as community leaders and scholars in Native Environmental Science. The program is designed to develop skills to uphold treaty and inherent rights, through the protection of the natural world. The place based, experiential, and culturally grounded curriculum, provides a holistic training in Native Environmental Science, both through Indigenous Research and content knowledge. The program engages with multiple ways of knowing, is grounded in Indigenous Knowledge systems and traditional practice in parallel with new technology and tools for inquiry. Students may choose between the Environmental Science Option and the Interdisciplinary Concentration Option..

Environmental Science Option

The Environmental Science Option (ESO) is intended for students interested in pursuing careers in the fields of biology or environmental science using the tools of Western science. Students completing this option may also be interested in pursuing graduate studies in environmental science.

Freshman-Entry Alternative

This alternative is for students who enter the program at the freshman level and continue through all four years of the program.

| NORTHWEST INDIAN COLLEGE REQUIREMENTS | | Credits |
|--|---|-----------|
| CMST 101 | Introduction to Oral Communication (CS) OR | 4 |
| CMST 210 | Interpersonal Communication (CS, HT) OR | |
| CMST 220 | Public Speaking (CS, HT) | |
| CMPS 101 | Introduction to Computers or above (TE) ¹ | 3 |
| HMDV 110 | Introduction to Successful Learning (NE) ¹ | 4 |
| TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS | | 11 |

¹ Students may request waivers for these classes in consultation with their academic and faculty advisors.

| NORTHWEST INDIAN COLLEGE FOUNDATIONAL REQUIREMENTS | | Credits |
|---|---|-----------|
| CSOV 101 | Introduction to Cultural Sovereignty (HT) | 5 |
| CSOV 102 | The Language of Our Ancestors (HT) or approved Native language courses ² | 5 |
| CSOV 120 | Reclaiming Our History (SS) | 5 |
| CSOV 130 | Icons of Our Past (HT) | 5 |
| ECON 250 | Subsistence Economies: Restoring Prosperity (SS) | 5 |
| EDUC 202 | The Tide Has Changed: Educating Our Own (SS) | 5 |
| POLS 225 | History of Federal Indian Policy (SS) | 5 |
| TOTAL NORTHWEST INDIAN COLLEGE FOUNDATIONAL REQUIREMENTS | | 35 |

² One or more Native language courses totaling at least 5 credits. Consult with an advisor regarding satisfying general education requirements. Requires approval by the Dean of Academics and Distance Learning.

| GENERAL EDUCATION REQUIREMENTS | | Credits |
|---|---|-----------|
| ENGL 101 | English Composition I (CS) | 5 |
| ENGL 202 | Technical Writing or ENGL 102 English Composition II (CS) | 5 |
| Quantitative Skills 5 credit requirement - met in Core Requirements | | 0 |
| Humanities Distribution 15 credit requirement - met in Foundational Requirements | | 0 |
| Social Science Distribution 15 credit requirement - met in Foundational Requirements | | 0 |
| Natural Science Distribution 15 credit requirement - choose courses meeting Prerequisite Requirements | | 0 |
| TOTAL GENERAL EDUCATION REQUIREMENTS | | 10 |

| NATIVE ENVIRONMENTAL SCIENCE CORE PROGRAM REQUIREMENTS | | Credits |
|--|---|---------|
| CSOV 301 | Indigenous Theory and Methods: We Own Our Knowledge | 5 |
| CSOV 302 | Indigenous Research: Validating Our Past—Writing Our Future | 5 |
| MATH 210 | Biostatistics (QS) | 5 |
| NESC 110 | Introduction to Native Environmental Science | 1 |
| NESC 310 | Native Science | 5 |
| NESC 499 | Native Environmental Science Capstone Project ³ | 5 |
| POLS 319 | From the Beginning of Time: Native American Fishing Rights | 5 |

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TOTAL NATIVE ENVIRONMENTAL SCIENCE CORE PROGRAM REQUIREMENTS **31**

³ 5 credits of NESC 499 are required, up to 10 credits are allowed through variable credits, which count towards electives.

| ENVIRONMENTAL SCIENCE OPTION REQUIRED COURSES | | Credits |
|--|---|-----------|
| BIOL 201 | Cell Biology (NSL) | 5 |
| BIOL 202 | Plant Biology (NSL) | 5 |
| BIOL 203 | Animal Biology (NSL) | 5 |
| BIOL 310 | Ecology | 5 |
| CHEM 121 | General Chemistry I (NSL) | 5 |
| CHEM 122 | General Chemistry II (NSL) | 5 |
| CHEM 123 | General Chemistry III (NSL) | 5 |
| GEOL 101 | Introduction to Geology or GEOL 111 (NSL) | 5 |
| MATH 102 | College Algebra (QS) ⁴ | 5 |
| TOTAL ENVIRONMENTAL SCIENCE OPTION REQUIREMENTS | | 45 |

⁴The MATH 102 requirement may also be satisfied by the following higher level math courses: MATH 103, MATH 104, MATH 105, MATH 124, MATH 125, or MATH 126.

| ELECTIVES | Credits |
|---|---------|
| Choose electives in consultation with a faculty advisor. A minimum of 30 elective credits must be at the 300-499 level. A maximum of 10 elective credits may be taken through individualized studies coursework (courses numbered 189, 289, 389, or 489) following the Native Environmental Science individualized studies course guidelines. | 48 |

TOTAL ELECTIVE REQUIREMENTS **48**

TOTAL DEGREE REQUIREMENTS, ESO, FRESHMAN-ENTRY **180**

