**NESC 499: Native Environmental Science Capstone Project**

NWIC Mission Statement

*Through education, Northwest Indian College promotes   
Indigenous self-determination and knowledge*

Instructor: TBD.

Credits: 5 (Required) (up to 10 credits, 6-10 variable)  
  
Course Prerequisites: CSOV 302, NESC 310

Class Time: To be arranged between instructor and student. The suggested meeting time is a scheduled once a week, hourly meeting.

Grading: Letter

**Course Description**

The capstone is the culminating project of the BSNES degree. The final capstone project should demonstrate accomplishment in the program’s four program outcomes: Sense of Place, Relationality, Inquiry, and Communication. The project may take many forms, but the final product includes a written product and a public, oral presentation.

**Course Outcomes:**

As a result of this course, students will (at the accomplished level)….

1. demonstrate understanding of Native Environmental Science in theory and practice
2. display a clear Sense of Place
3. display self-location in research design and delivery
4. demonstrate engagement with Indigenous Research Methodology
5. demonstrate clear, effective communication, through oral presentation, written, and graphical

As the capstone is the culminating project of the BSNES degree, the course outcomes are directly linked to the program outcomes. There are three products that are required for completion of the capstone credits.

1. A written document that is completed and signed off on by advisor / committee.
2. A public, oral presentation. This is normally scheduled one week prior to graduation.
3. A graphical document – for example, a poster, power-point, or video.

Other products may be accepted for graphical document, but there is no substitute for written or oral presentation.

**As a result of this program, students will be able to demonstrate at the Accomplished Level:**

1. **Sense of Place**
   1. Value the interrelationships between people and the environment
   2. Group and apply concepts and methodologies to place
2. **Relationality**
   1. Demonstrate self-location within inquiry-based research
   2. Value Relationality in the practice of Native Environmental Science
   3. Evaluate and interpret environmental laws, polices, and acquired rights, and advocate for inherent rights.
3. **Inquiry**
   1. Use Indigenous theories and methods to conduct inquiry-based research and evaluation that respond to the needs of Indigenous communities and serve to promote Indigenous self-determination
   2. Evaluate and use appropriate technologies for inquiry-based research in support of restoration and revitalization of the environment.
   3. Evaluate and apply quantitative, qualitative, and mixed methodologies and concepts that include the synthesis of complex information.
4. **Communication**
   1. Communicate using oral, written, and graphical (visual) methods to support Indigenous self-determination.
   2. Communicate effectively to multiple audiences, including Indigenous communities, policy makers, scientific communities, and the general public.

**Required Text**

TBD.

**Overview and Rationale**

This course is taken as thesis credits to allocate time for preparing your research proposal, conducting research and writing your capstone project. Students are required to take 5 credits of capstone, however, students may take up to 10 credits to complete the project. Credits 6 – 10 can be taken as variable credits and are counted toward electives.

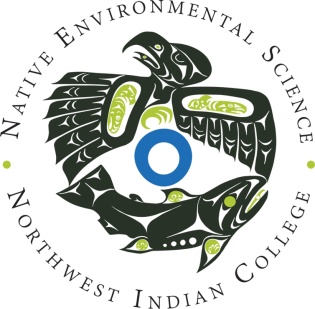
***Important note:*** *Students should have completed all or most of the option-specific required coursework prior to enrolling in NESC 499. In the case of the ICO, students should have successfully completed NESC 305, Native Environmental Science Concentration Seminar. Students in the ESO may need to complete other preparatory coursework as outlined in their degree plan.*

The final capstone project, must include the following cover-sheet and then submitted in digital format to the Faculty Advisor and Department Chair.

Capstone Title: Capstone subtitle

Student Name

Month, Year

  
A Capstone Project  
Submitted in partial fulfillment of the  
requirements for the degree of  
Bachelor of Science – Native Environmental Science  
At Northwest Indian College

**Committee Members:**

Committee Chair: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Committee Signatures:**

*(The signatures below indicate that the Committee has approved this final version of the student's Capstone.)*

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