

# Courses

## NATIVE ENVIRONMENTAL SCIENCE

**NESC 303 (3 CR)**

### NATIVE ENVIRONMENTAL SCIENCE INTERDISCIPLINARY SEMINAR

Introduction to self-designed interdisciplinary studies with emphasis on developing writing and individualized study skills. Seminar topics vary by instructor.

**NESC 305 (5 CR)**

### NATIVE ENVIRONMENTAL SCIENCE CONCENTRATION SEMINAR

Designed to assist students develop and write an interdisciplinary self-designed concentration proposal, which is required for all students pursuing the interdisciplinary concentration option of the Bachelor of Science in Native Environmental Science program. The concentration proposal must be completed and filed at least three quarters before graduation. Prerequisite: NESC 303 or permission of instructor and NES Advisor.

**NESC 310 (5 CR)**

### NATIVE SCIENCE

Study of the intimate relationship between Native people and the natural world. Emphasis on how Native people honor and respect the natural world, and on gaining an understanding and appreciation of indigenous knowledge. Prerequisites: BIOL 104 and PHIL 140.

**NESC 315 (3 CR)**

### TRADITIONAL ECOLOGICAL KNOWLEDGE

Examines how tribes acquire and transmit traditional ecological knowledge across generations. Emphasis on the practices, beliefs and relationships inherent in TEK, and the sustainability of resources and the perpetuation of cultures in the Pacific Northwest. Prerequisites: BIOL 104 and PHIL 140.

**NESC 340 (5 CR)**

### NATIVE VIEWS ON ANIMAL BEHAVIOR

Combines Native American traditional knowledge with Western science in a comparative study of thought processes, consciousness, beliefs, and rationality which result in individual non-human animal behavior. Topics include animal intelligence, emotion, behavior, and communication with emphasis on Indigenous cognitive ethology as a foundation for tribal

## NATIVE ENVIRONMENTAL SCIENCE

wildlife research and management. Prerequisites: BIOL 104 and PHIL 140.

**\*ADDED 10.25.2011\***

**NESC 360 (5 CR)**

### ENVIRONMENTAL GOVERNANCE OF SHARED RESOURCES

Analyzes different models and theories of governance that address environmental issues of shared concern, holistic in scope and integrate ecosystem and human health as well as cultural, economic, and social well-being. Recommended for students interested in natural resource management and tribal governance. Prerequisites: ENG 102 or 202; BIOL 104 (or equivalent)

**NESC 388 (1-5 CR)**

### TOPICS IN NATIVE ENVIRONMENTAL SCIENCE

Taught in a classroom setting.

**NESC 389 (1-5 CR)**

### INDIVIDUALIZED STUDIES IN NATIVE ENVIRONMENTAL SCIENCE

Individualized learning contracts between a student and an instructor.

**NESC 393A-C (1 CR EA)**

### NESC SEMINAR III

Integrative seminar for students pursuing the Native Environmental Science program of study. Students enroll in one credit per quarter.

**NESC 397 (1-6 CR)**

### INTERNSHIP/PRACTICUM IN NATIVE ENVIRONMENTAL SCIENCE

Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. 

**NESC 410 (5 CR)**

### NATIVE ENVIRONMENTAL ETHICS

Study of the moral philosophy that is inherent in the traditional relationship between Native people and the natural world. Examines how the foundation of traditional tribal values influences land use and serves as the foundation for cultural and natural resource management.

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**\*ADDED 10.25.2011\***

**NESC 425 (5 CR)**

### NATIVE AMERICAN ENVIRONMENTAL LAW

Philosophical background and case law pertaining to Native American management of land, water, and natural resources. Emphasis on the nature of federal-tribal trust relationship and doctrine of reserved rights. Includes an analysis of federal environmental law as applied to the access, use and protection of sacred lands and sites. Prerequisites: POLS 118, or POLS 225, or POLS 240, or instructor's approval.

**NESC 445 (3 CR)**

### VINE DELORIA JR, NATIVE SEMINAR

Discusses ideas and influence of Vine Deloria, Jr. in the field of Native Science, including Deloria's critique of Western science, advocacy for Indigenous knowledge, and views on selected topics such as the Bering Strait Theory, the Pleistocene Over-Kill Hypothesis, the Kennewick Man controversy, and the Theory of Evolution. Prerequisite: NESC 310 or permission of instructor.

**NESC 488 (1-5 CR)**

### TOPICS IN NATIVE ENVIRONMENTAL SCIENCE

Taught in a classroom setting.

**NESC 489 (1-5 CR)**

### INDIVIDUALIZED STUDIES IN NATIVE ENVIRONMENTAL SCIENCE

Individualized learning contracts between a student and an instructor.

**NESC 493A-C (1 CR EA)**

### NESC SEMINAR IV

Integrative seminar for students pursuing the Native Environmental Science program of study. Students enroll in one credit per quarter.

**NESC 497 (1-6 CR)**

### INTERNSHIP/PRACTICUM IN NATIVE ENVIRONMENTAL SCIENCE

Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. 

CS – Communication Skills

NASD– Native American Studies

NS-Natural Science

QS-Quantitative Skills

HT – Humanities Theory

NE-Non Transferable Elective

NSL-Natural Science Lab

SS-Social Science

HP – Humanities Performance

TE-Transferable Elective

N-Non-Applicable



May include Indigenous Service Learning Component