

Courses

ENVIRONMENTAL SCIENCE

ENVS 481 (5 CR) ECOPHYSIOLOGY: EARTH WEBS & CYCLES

Uses concepts of math, meteorology, physics, plant physiology and ecology to study the plant-environment interface. The dynamic understanding created in this course helps to explain the role of variables that influence the structure and function of ecosystems, and in turn, shape human communities that depend upon these ecosystems. Prerequisites: BIOL 310 and MATH 102. (NSL)

GEOGRAPHY

GEOG 188/288 (1-5 CR) TOPICS IN GEOGRAPHY

Taught in a classroom setting. (TE)

GEOG 189/289 (1-5 CR) INDIVIDUALIZED STUDIES IN GEOGRAPHY

Individualized learning contracts between a student and an instructor. (TE)

GEOG 197/297 (1-6 CR) INTERNSHIP/PRACTICUM IN GEOGRAPHY

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

GEOG 203 (5 CR) PHYSICAL GEOGRAPHY

Principles and techniques in analysis of aerial distributions in the natural environment; landforms, water, climate, soils, vegetation. Lab work included. Prerequisite: At least one introductory science course or permission of instructor. (NSL)


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GEOG 340 (5 CR) POLITICAL AND CULTURAL ECOLOGY: A CASE STUDY

This course employs a case study approach to engage with issues related to environmental, political, and cultural boundaries, social construction of modern conceptions of natural resource management. Recommended for students interested in natural resource management and tribal governance. Prerequisite: ENG 102 or 202; BIOL 104 (or equivalent)

GEOLOGY

GEOL 101 (5 CR) INTRODUCTION TO GEOLOGY

Covers basic geologic processes and earth cycles. Topics include minerals and rocks, earth history, structures and plate tectonics plus consideration of environmental geology such as rivers and floods, landslides, earthquakes, mining and hydrology. Lab work included. (NSL) 

GEOL 111 (5 CR) FINDING THINGS OUT IN EARTH SCIENCE

Designed for students to learn, through hands-on inquiry, the nature of earth systems and how matter and energy work in the interior and exterior of the earth. Students are helped to develop a positive attitude towards science while understanding what it means to learn scientific concepts. Lab included. (NSL)

GEOL 188/288 (1-5 CR) TOPICS IN GEOLOGY

Taught in a classroom setting. (TE)

GEOL 189/289 (1-5 CR) INDIVIDUALIZED STUDIES IN GEOLOGY

Individualized learning contracts between a student and an instructor. (TE)

GEOL 197/297 (1-6 CR) INTERNSHIP/PRACTICUM IN GEOLOGY

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

GEOL 211 (5 CR) PHYSICAL GEOLOGY

Origin, composition, and structure of earth. Advanced identification of rocks and minerals; the evolution of the surface features of continents and interpretation of landforms from maps. Lab work included. Prerequisite: GEOL 101 or permission of instructor. (NSL)

HEALTH

HLTH 105 (3 CR)

BASIC NUTRITION

Provides basic knowledge of nutrition and assists student in improving his/her

own health through changes in eating habits. Also assists the student in weight control and provides guidance and instruction for staying healthy with recipes using commodity foods. (NE)

HLTH 110 (1 CR) BASIC FIRST AID

Offers instruction to prepare a person to give emergency first aid to someone suffering from such conditions as fractures, poisoning, burns, bleeding, drug overdose, convulsions, and hypothermia. Includes practice in bandaging, splinting, and treatment of choking. Successful completion of the course earns a standard American Red Cross First Aid card. (NE)

HLTH 111 (1 CR) INFANT CPR

Life saving skills to help infants and children. Early signals of breathing emergencies and first aid until advanced medical care arrives. How to give CPR to an infant or a child whose heart has stopped. Focuses on how to reduce the risk of injury to infants and children. (NE)

HLTH 112 (1 CR) ADULT CPR

Lifesaving skills to help adults experiencing a breathing or cardiac emergency. How to deal with an emergency and how to give first aid to adults until advanced emergency care arrives. (NE)

HLTH 130 (3 CR) HONOR THE GIFT OF FOOD

Introduction to traditional foods and basic nutrition. Emphasis is on the relationship between culture, traditional foods and how whole foods are grown, processed and prepared for human consumption. Upon completion of this class students will have basic knowledge of healthy food choices and how to include them in their lives.

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