

Theme Based and Topics Course Descriptions

Spring 2012 and May 2012

AE 2813-01 WINTER PURSUITS LEVEL 2 (1ST 7 WEEKS)

This 7 week course is designed for students who want to take their winter pursuits to a more challenging level. Topics will include: a review of basic clothing and equipment needs, equipment repair, weather, nutrition, recognizing avalanche terrain, advanced travel techniques, and building a pulk sled for carrying gear. We will be travelling by snowshoe and ski to reach our destinations. The course will include one weekend day and a five day trip over spring break.

Credits: 3

Prerequisites: AE 1042

AR 1881-01 BELLYDANCING

In this course you we will learn the foundational moves of bellydance. This ancient dance form requires us to isolate and move different parts of the body independently. Come prepared to dance, exercise and have fun. We will learn a basic repertoire of moves and then put them together into a choreography. You will be graded on your participation and performance.

Credits: 1

Prerequisites: None

AR 2113-01 CREATIVE WRITING: POETRY AND SOCIAL CHANGE

In this experiential course, students improve their use of poetic techniques such as logic, figurative language, sonic elements, and voice, while exploring innovations in form and the writing process. Emphasis will be placed on explication, revision and presentation in a productive, supportive workshop environment. Our topic focus will be “Poetry and Social Change” as we read and discuss how poems – past and present – reflect or promote social change.

Credits: 3

Prerequisites: EH 1113

BI 4323-01 THEMES IN MARINE MACROVERTEBRATE BIOLOGY: MARINE MAMMALS

Marine mammals are a diverse group that includes cetaceans, pinnipeds, sirenians, and even mustelids and an ursid. Evolving from terrestrial species means that marine mammals have unique and interesting adaptations, however our changing oceans creates some conservation concerns for them. This course will explore the classification, distribution, biology, adaptations and conservation of marine mammals. Assessment of student achievement will be based on the instructor's evaluation of student work.

Credits: 3

Prerequisites: BI 2033

EH 1113-01 COLLEGE COMPOSITON: MT. EVEREST

This is a workshop course that focuses on basic principles of composition, with an emphasis on the roles that reading, thinking and revision play in the process of composing. The topic for the course is the 1996 disaster on Mt. Everest in which members of commercial climbing expeditions were trapped high on the mountain during a raging storm and several climbers died. In this course, students will be asked to share their thoughts in writing that emphasizes thesis-driven arguments. Key texts for the course include Jon Krakauer's *Into Thin Air* and David Breashears' *High Exposure*.

Credits: 3

Prerequisites: LR 1013 or exemption

EH 1113-02 COLLEGE COMPOSITION: WRITING ABOUT PLACE

This class will lead students through place-based writing assignments. We will begin with narratives based on experience and observation, move to research grounded in local questions, and conclude with an exploration of the intersection between local and global concerns. Students will write in a range of genres using a range of material. Final projects will require students to convey their work to a public audience of their choice.

Credits: 3

Prerequisites: LR 1013 or exemption

EH 2083-01 BRITISH LITERATURE: RELIGION AND SOCIETY IN THE MIDDLE AGES

This course provides a survey of medieval English literature in translation, including the genres of romance, drama, narrative poetry and hagiography. Supplemental readings and class discussions will cover the religious and social influences that conditioned writing produced in England during the Middle Ages. The course is intended to help students hone their skills in reading, research, composition and textual analysis.

Credits: 3

Prerequisites: EH 1113

EH 3213-01 TOPICS IN PROFESSIONAL AND TECHNICAL WRITING: SCIENCE, PUBLIC WRITING AND NEW MEDIA

This class offers a historical and rhetorical overview of genres of writing used to convey scientific information for academic and public audiences. Students will analyze the genre of the lab report and they will analyze examples of popular science writing, they will write their own lab reports, and they will employ multiple media to convey science to public audiences.

Credits: 3

Prerequisites: EH 1113

GL 3882-01 ENVIRONMENTAL CHANGE AND LAKE SEDIMENT ANALYSIS IN MAINE

Students in this course will evaluate patterns and drivers of environmental change in Maine through an overview of scientific literature and in-depth study of lake sediments retrieved from Unity Pond. Students will work in small groups to assemble an environmental reconstruction of central Maine based on a suite of lake sediment proxies (including organic matter and fossil pollen) covering approximately the last 12,000 years. Students will be required to spend one Saturday or Sunday in the field to collect a lake sediment core.

Credits: 2

Prerequisites: A Geology (GL) course

HY 2883-01 AMERICAN HISTORY FROM POST-CIVIL WAR TO THE PRESENT

This class covers American history from post-Civil War Reconstruction to the present through an examination of the major ideas and forces that shaped the country during this period. As there is no way to be comprehensive in coverage, the class will focus on particular themes and periods, including, the meaning of freedom, especially as it emerged from emancipation and the period of Reconstruction and reached some measure of fulfillment in the civil rights movement in the 1950s and 1960s; the profound social, economic, and political effects of the industrialization of America between the collapse of Reconstruction and World War I; the progressive political reform that culminated in FDR's New Deal and which still, in many ways, defines the terms of our political debate today; the post-World War II prosperity and growth that not only propelled America onto the global stage as a superpower, but remade our landscapes at home, with the suburbanization of America; and the rise of cultural and political conservatism, beginning in the 1970s and continues today, against the background of increasing globalization and global change. Students will be encouraged to read about, and understand these developments not simply as historical facts, but as a point of departure to think about their relevance to current events.

Credits: 3

Prerequisites: None

HY 3313-01 SPECIAL THEMES IN HISTORY: AMERICAN ENVIRONMENTAL HISTORY

This course examines the history of environmentalism in the United States from the colonial period to the present. Readings are selected to guide students in understanding the development of concepts such as preservation, conservation, stewardship, and sustainability, as well as the results of these modes of thought on nation policies concerning the use of natural resources. Learning outcomes focus on higher level reading, writing and research skills applied to historiography.

Credits: 1

Prerequisites: Sophomore status or consent

IC 2212-01 THE ENVIRONMENTAL CITIZEN: COMMUNITY LITERACY

The class will engage in community literacy projects at local schools. Such projects strengthen relationships between members of diverse communities and improve the writing of all participants. After studying community literacy literature that focuses on ecological literacy, we will facilitate writing workshops for fourth and fifth graders at Troy Middle School. These workshops will employ multimodal strategies for generating material that will heighten students' awareness of their connection to place and help them understand the ecological, social, and cultural communities that overlap with their homes.

Unity students will guide the Troy students through a revision process, which will help all of the students become more aware of their choices as writers, thinkers, and community members. Unity and Troy students will present their work publically at the end of the semester.

Credits: 3

Prerequisites: IC 1113 or IC 1111 and Sophomore Status

IC 2212-02 THE ENVIRONMENTAL CITIZEN: ART BUILDS COMMUNITY

Express your self! Get into creating art that builds community. This hands on course focuses on your visual and verbal skills to build liaisons within the greater Unity community. Students learn collaborative skills while building a permanent mixed media mural. This art installation will reflect the heart and soul of our local community. Student will get off campus meeting community members and teach others how to express community concerns in a collaborative art installation

Credits: 3

Prerequisites: IC 1113 or IC 1111 and Sophomore Status

IC 2212-03 THE ENVIRONMENTAL CITIZEN: OUTDOOR LIVING: FOOD, FITNESS AND OUTDOOR COOKING WITH YOUTH

Do you want to learn how to cook outdoors no matter the weather? Do you want to build a personal fitness plan to support your future outdoor pursuits? Do you want to teach young people how to engage in the out of doors? This course will introduce students to fitness, nutrition, and cooking techniques specific to backcountry living. The skills gained will then be taught and shared with a middle school audience in an engaging and purposeful way.

Students will leave this course learning about food preparation and caloric needs for backpacking, canoeing, sea kayaking, winter pursuits and base camping. Students will learn how to cook using a reflective oven, Dutch oven and double boiler as well as planning a meal to appeal to diverse audiences. The fitness component will include basic information such as heart rate calculation, as well as cardio, strength and flexibility training specific to backcountry pursuits.

Students will plan and implement a series of workshops for middle school aged youth related to outdoor cooking, outdoor pursuits, nutrition and wellness.

Credits: 3

Prerequisites: IC 1113 or IC 1111 and Sophomore Status

IC 2212-04 THE ENVIRONMENTAL CITIZEN: NATURE ART AND PHOTOGRAPHY SHOW AND SALE

Unity College students working in collaboration with local and regional artist associations as well as local/regional environmental groups will plan, develop, implement and assess what could be the first of many Nature Art and Photography Shows and Sales at Unity College. This event is intended to be not only for the Unity College Community but the general public as well.

Credits: 3

Prerequisites: IC 1113 or IC 1111 and Sophomore Status

PH 3313-01 SPECIAL TOPICS IN PHILOSOPHY: ENVIRONMENTAL COMMUNICATION

Aldo Leopold, Al Gore, Sarah Palin... How humans think, talk about, and represent nature has had an impact on policy-making, natural resource management, and the place that nature has in our day-to-day lives. In this course students explore how people (including themselves) think about the environment, how that is used (and used against them) by advertisers, policy-makers, and opinion leaders, and how responsible environmental citizens can join (or resist) the effort to manage public opinion about the environment. Topics include environmental rhetoric, communicating science, media and journalism, public participation in environmental decision making, social marketing and advocacy, and nature in popular culture and green marketing.

Credits: 3

Prerequisites: EH 1113 and Sophomore status or consent

WF 3813-01 CONCEPTS IN POPULATION MANAGEMENT

This course focuses on techniques and practices used to manage populations of wildlife species. Concepts discussed will include how habitat selection and quality, population structure, and interactions with other species influence population growth. We will then explore how these concepts can be applied to harvest management, small population management, pest management, and biodiversity conservation. Techniques addressed will include estimation of population size and other demographic parameters using direct and indirect techniques.

Credits: 3

Prerequisites: BI 2004 and Junior Standing

WF 3882-01 CAPTIVE WILDLIFE CARE & EDU PROFESSIONAL DE VELOPMENT

This course will help upper classmen prepare to enter the professional world of animal care and education. We will discuss job options and search strategies, explore professional organizations, and review application materials. Advanced studies, including graduate school, veterinary school, veterinary technician programs, and other certification programs, will also be explored with interested students. Students will engage in exercises designed to refine their professional speaking and writing skills and prepare them for entering either the job market or continuing education. Mock interview questions will help students synthesize and articulate the knowledge gained in previous courses.

Credits: 3

Prerequisites: Captive Wildlife Care and Education major and Junior status

WF 3883-01 WILDIFE HABITAT ASSESSMENT AND MANAGEMENT

This course will explore how habitat management for wildlife can be integrated in adaptive ways to maintain sustainability in the face of climate change and other threats. The student will gain an elementary understanding of major landscape initiatives at the international, national, and regional levels, and become acquainted with basic habitat assessment and management approaches and

terminology in a variety of habitats such as forests, freshwater and saltwater marshes, agriculture lands, scrub/shrub habitats, grasslands, rangeland, and urban lands. The course will also acquaint students with a variety of equipment and techniques used to modify habitat. The course will emphasize concepts, principles, and terminology.

Credits: 3

Prerequisites: EH 1113 and Junior Standing

MAY SESSION

AE 2885-01 EXPEDITIONARY SKILLS (MAY 13 - JUNE 2)

This 21 day expedition-based course provides the student with an adventure-education immersion experience. Students will learn expedition behavior protocols, practice leadership in a wilderness setting, and engage in group process and decision making. Though the course will primarily focus on extended wilderness travel and logistics, students will have the opportunity to advance in 1 or more skill-specific content areas pre-determined by the Instructor (i.e. Rock Climbing/ Sea-Kayaking/ Canoeing).

Credits: 5

Prerequisites: AEL or AT major or permission

Maximum enrollment: 10

Costs: Tuition: \$2300.00, Course fee: \$500.00 Total: \$2800.00

BI 4013-01 MARINE ECOLOGY (MAY 12-JUNE 1)

This course will be going to Costa Rica leaving from Boston on May 12 and returning June 1 to Portland. While in Costa Rica students will be staying on the Pacific Coast near Corcovado National Park. This part of Costa Rica is remote and electricity and internet are intermittent. We will spend our time there studying the marine biodiversity of both the intertidal and subtidal parts of both sandy and rocky shores. As little is known about this coast, you will be conducting important fundamental research helping us to build a more accurate picture of marine biodiversity. We will use transects, cores, plankton tows, snorkeling, diving and wading to help us acquire the data we are interested in. We will use microscopes and appropriate identification keys to identify what species we are looking at and we will share all of our data with local universities.

Credits: 3

Prerequisites: ES 1001, BI 2033, Junior Status, and Marine Biology major

Maximum enrollment: 10

Non-refundable deposit: \$600.00 (due no later than November 11, 2011)

Costs: Tuition: \$1380.00, Course fee: \$2050.00 Total: \$3430.00

OS 2023-01 WILDERNESS FIRST RESPONDER (MAY 13-19)

This class is taught as an intense experience 10-day course either in the May session on the Unity College campus or as an addendum to the HIOBS/Unity College Immersion Semester program

in the fall. It is a course in emergency medical care that addresses the issues of long-term patient care, backcountry rescue techniques and survival skills. This is a profession-focused course for those individuals who will be working with groups in backcountry settings. Participants who successfully complete the course will be certified in Wilderness First Responder and CPR

Prerequisites: None

Credits: 3

Student charges:

Tuition: \$1380.00

Fee: \$300.00

Total: \$1680.00

Housing cost is additional if you plan to live on campus.