

# OUTDOOR EDUCATION (OUT)

# Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

## **OUT 407B - Introduction to Outdoor Education & Leadership - Three Season Experiences**

**Credits:** 2

An exploration of three-season adventure programs and career opportunities in the outdoor field. Students will be introduced to a variety of on-campus outdoor pursuits programming in spring, summer, and fall, including hiking, orienteering, climbing, and watersports. An emphasis on experiential teaching and learning will help students understand essential elements in program planning, administration and risk management. You will examine current trends in public participation in three-season outdoor activities and employment in the outdoor field. No experience required.

**Equivalent(s):** KIN 407B

## **OUT 444A - Risk and the Human Experience**

**Credits:** 4

Explores the construct of risk in two phases: 1) knowledge building, focusing on the historical development of risk and its current manifestations in contemporary society; and 2) knowledge application, which focuses on applying conceptions of risk to various case study examples. The second phase of the course employs a problem-based learning approach with four distinct modules that ask students to apply, experience, and evaluate risk in a variety of contexts. Each module includes: a) a case study description, b) an experiential exercise, and c) a collaborative debriefing of the experience and reflective application to broader societal issues.

**Attributes:** Social Science (Discovery); Inquiry (Discovery)

**Equivalent(s):** KIN 444A

## **OUT 444C - AMPED UP: Social and Psychological Perspectives on Adventure**

**Credits:** 4

Interest in the topic of adventure has exploded in recent years; with enough money, almost any adventure is available to anyone. The widespread rise in popularity of adventure brings questions, however. What is the role of adventure in modern society? What is its value to individuals? Through lectures, written assignments, group projects, multimedia, and experiential learning, this course surveys psychological, sociological, and anthropological perspectives on these and students' own questions. Special fee.

**Attributes:** Social Science (Discovery); Inquiry (Discovery); Writing Intensive Course

**Equivalent(s):** KIN 444C

## **OUT 515 - History of Outdoor Pursuits in North America**

**Credits:** 4

Voluntary pursuits in the outdoors have defined American culture since the early 17th century. Over the past 400 years, activities in outdoor recreation and education have reflected Americans' spiritual aspirations, imperial ambitions, social concerns, and demographic changes. This course will give students the opportunity to learn how Americans' experiences in the outdoors have influenced and been influenced by major historical developments of the 17th, 18th, 19th and 20th, and early 21st centuries. This course is cross-listed with RMP 515.

**Attributes:** Historical Perspectives(Disc)

**Equivalent(s):** KIN 515, RMP 515

## **OUT 539 - Artificial Climbing Wall Management**

**Credits:** 2

The primary purpose of this course is an introduction to the procedures, methods, and techniques of artificial climbing wall management. Within the scope of this course, students will be introduced to operations, supervision, equipment and facility use/maintenance, risk management strategies, routesetting, individual and group programming/facilitation/teaching, technical skills and rescues/emergency procedures. A variety of teaching styles will be used to familiarize students with each topic area. Special fee. Optional certification fee. Lab.

**Equivalent(s):** KIN 539

## **OUT 540 - Top Rope Rock Climbing**

**Credits:** 4

Provides students with an understanding of the equipment, techniques, and procedures necessary for the setup and management top rope rock climbing and rappelling sites, including advanced rescue skills. Students also develop basic climbing movement techniques and skills, an understanding of the pedagogical techniques used in climbing, and the requisite knowledge/skill development to conduct safe top rope experiences in multiple settings. The format of this course is a combination of demonstration/lecture and "hands-on" learning with the emphasis upon student interaction and practical skill development. Special fee. Lab.

**Equivalent(s):** KIN 540

## **OUT 541 - Management of Challenge Courses**

**Credits:** 4

Provides students with an introduction to the basic facilitation/technical skills to manage a challenge course program. Exposure to intermediate technical skills usually required for lead facilitators. Specific topics include group process, framing, and sequencing, belay methods, participant and instructor equipment, operating procedures for low and high challenge course elements, and industry standards. Special fee. Lab.

**Equivalent(s):** KIN 541

## **OUT 542 - Sea Kayaking**

**Credits:** 2

An introduction to the technical, teaching, and leadership skills required to lead inland kayaking programs and to assist with coastal canoeing programs. Emphasis on individual kayaking skills, self- and group-assisted rescues, safety and group management in a marine environment, and tactics for ocean travel and navigation. Special fee. Lab.

**Equivalent(s):** KIN 542

## **OUT 543 - Winter Adventure Programming**

**Credits:** 2

An introduction to winter programming and back country travel, including snowshoeing and skiing, winter interpretation activities, backpacking, and winter camping. Emphasis on teaching of introductory winter programs and trips. Prereq: OUT 551 or instructor permission. Special fee. Lab.

**Equivalent(s):** KIN 543

## **OUT 545 - High Angle Rescue**

**Credits:** 2

Provides students with the skills necessary to perform self and group rescues in a variety of steep terrain and high angle environments. Students also gain the basic skills necessary for the implementation of self- and partner-rescues while in a technical climbing environment. The skills learned from this class will adapt readily to climber rescue, crevasse rescue, big wall rescue, cave rescue, and vertical urban rescue. Prereq: OUT 547 or instructor permission. Special fee. Lab.

**Equivalent(s):** KIN 545

**OUT 546 - Whitewater Canoeing**

**Credits:** 3

Introduces white water canoeing skills. Students gain a basic understanding of the equipment, techniques, and procedures to conduct canoeing activities in flat water, moving water, and white water environments. Emphasizes development of individual paddling skills, safe and conscientious paddling, and group management on moving water and white water. Prereq: Previous canoeing experience or OUT 552. Special fee. Lab.

**Equivalent(s):** KIN 546

**OUT 547 - Lead Rock Climbing**

**Credits:** 3

Advanced climbing course designed to provide students with a structured environment to transition from top rope rock climbing or sport climbing to multi-pitch traditional lead climbing. Focuses on the development of the technical skills and judgment associated with leading in a multi-pitch environment. Specific topics include use of artificial protection, belay anchor construction, multi-pitch rappelling, knots, rope/belay station management, climbing technique, and multi-pitch leading considerations. Prereq: OUT 540 or instructor permission. Special fee. Lab.

**Equivalent(s):** KIN 547

**OUT 548 - Winter Expedition Programming**

**Credits:** 4

Introduces methods and techniques of winter expedition travel including camping, snowshoeing, alpine climbing skills, technical skiing and ice climbing skills. A variety of teaching styles are used to familiarize students with each topic area, and occur in classroom, basecamp, and wilderness settings. Prereq: OUT majors, OUT 551. Special fee. Lab.

**Equivalent(s):** KIN 548

**OUT 549 - Wilderness Navigation**

**Credits:** 4

Introduces the methods and techniques of wilderness navigation. Topics include map interpretation, compass use, global positioning systems, and other navigation methods. A variety of teaching styles are used to familiarize the students with each topic area, and occur in both classroom and wilderness settings. Special fee. Lab.

**Equivalent(s):** KIN 549

**OUT 550 - Outdoor Education Philosophy and Methods**

**Credits:** 4

Explores the philosophical basis for experiential and outdoor education. Experiential exercises and readings focus on risk, traditional vs. progressive education, role of nature, ethics, models of learning and facilitation, and developing a personal philosophy of outdoor education. Includes full-day outdoor education laboratory experiences.

**Attributes:** Inquiry (Discovery); Writing Intensive Course

**Equivalent(s):** KIN 550

**OUT 551 - Adventure Programming: Backcountry Based Experience**

**Credits:** 4

Introduces the leadership of land-based backpacking programs. Students develop an understanding of backpacking equipment, trip planning and organization, instruction of basic camping skills, implementation of safety procedures and group management on backpacking trips. Special fee. Lab.

**Equivalent(s):** KIN 551

**OUT 552 - Adventure Programming: Water Based Experiences**

**Credits:** 4

Introduces the leadership of canoe expeditions. Students develop an understanding of necessary canoeing equipment, trip planning and organization, instruction of basic canoeing strokes, implementation of safety procedures, and group management on canoe expeditions. Special fee. Lab.

**Equivalent(s):** KIN 552

**OUT 650B - Internship in Outdoor Education & Leadership**

**Credits:** 4-8

Experiential learning in a setting appropriate to the student's objectives. A 4 credit internship requires a minimum of 400 hours experience.

Provides an appropriate transition from undergraduate education to future employment in the field of outdoor education. Generally done after students have completed all other requirements for the option. Prereq: permission. Cr/F. (IA continuous grading).

**Repeat Rule:** May be repeated for a maximum of 8 credits.

**Equivalent(s):** KIN 650B

**OUT 681 - Theory of Adventure Education**

**Credits:** 4

Provides an in-depth investigation of the theories that underpin professional practice and research in adventure education. Students examine program applications in different settings, analyze pertinent outdoor education and social science research, and independently complete a research or applied project. Prereq: OUT 550 or permission of the instructor. Special fee.

**Attributes:** Writing Intensive Course

**Equivalent(s):** KIN 681

**OUT 682 - Experiential Teaching and Leadership**

**Credits:** 4

This class is an orientation to experiential learning, teaching, and leadership in an interactive environment. Students develop and implement lesson and program plans for internal and external agencies. Emphasis on learning methods, teaching and leadership styles, and risk management for youth and adult programs. Prereq: OUT 541, OUT 550, OUT 686.

**Equivalent(s):** KIN 682

**OUT 686 - Wilderness Emergency Medical Care**

**Credits:** 4

Standards of practice for professional providing emergency medical care in remote areas. Consideration of prolonged transport times, severe environments, and the use of portable and improvised equipment. Topics include wilderness trauma and illness, search and rescue operations, and environmental emergencies.

**Equivalent(s):** KIN 686

**OUT 687 - Career and Professional Development Practicum**

**Credits:** 4

Explores professional competencies required in long-term careers in the outdoors. Includes job shadowing, teaching, and leadership experiences at external agencies. Students focus their learning experience in areas of the field that interest them and develop professional identity through self-assessment, resume development, job search processes, interview techniques, and negotiation strategies. Students co-design and focus their learning in specific areas of the field.

**Equivalent(s):** KIN 687

**OUT 693 - Teaching Assistantship****Credits:** 2

Students serve as teaching assistants in assigned class activities. Assignments to be made by the class instructor may include teaching assistants' and administrative duties. May take two different sections. Prereq: junior standing; Cr/F.

**Repeat Rule:** May be repeated for a maximum of 4 credits.**OUT 696 - Independent Study****Credits:** 2-4

An advanced, individual scholarly project under the direct supervision of a faculty member. Prereq: junior or senior; departmental approval.

**Repeat Rule:** May be repeated for a maximum of 8 credits.**OUT 696W - Independent Study****Credits:** 2-4

An advanced, writing-intensive, individual scholarly project under the direct supervision of a faculty member. Student and Faculty Adviser will prepare a written proposal that outlines: the questions to be pursued, the methods of investigation, the student's qualifications to conduct the research, the nature of the finished written product (e.g. case study, position paper, extended lab report). This proposal must be approved by major faculty and the department chair prior to the student's registration for OUT 696 WI. All OUT 696 WI projects must include: Some forms of informal, ungraded writing such as a journal, reading summaries, draft chapters, or invention activities. Regular writing interaction between student and faculty adviser (i.e. at least weekly or biweekly), to include written feedback from the adviser. A finished product that is polished via revision. Faculty sponsors and students should consult the resources and guidelines of the UNH Writing Program. Prereq: junior or senior; departmental approval.

**Attributes:** Writing Intensive Course**Repeat Rule:** May be repeated for a maximum of 8 credits.**OUT 699H - Honors Project****Credits:** 4

Project first involves tutorial sessions to introduce the student to the experimental design, after which a research question is developed. After an appropriate literature review, the student collects and analyzes data, forms conclusions, and prepares a written report on the findings.

**Attributes:** Honors course**OUT 782 - Therapeutic Applications of Adventure Programming****Credits:** 4

A study of theory, practice, and research of adventure experiences in therapeutic settings. Incorporates theoretical seminars and associated practical experiences.

**Equivalent(s):** KIN 782**OUT 786 - Organization and Administration of Outdoor Education Programs****Credits:** 4

Study of administration of outdoor education programs using a variety of organizational models. Students use simulated exercises and work with outdoor agencies on special projects to learn key factors necessary to manage a program. Outdoor Education majors. Special Fee.

**Attributes:** Writing Intensive Course**Equivalent(s):** KIN 786