PROPOSAL FOR AN UPPER DIVISION CLUSTER COURSE

Name of faculty member  Keith Hadlev
Title of proposed course  Mountains
When is the course to be offered?  Winter 1999
Name of Cluster/Cluster coordinator  Global Environmental Change/ Ansel G. Johnson

Please address the following items in your narrative, keying your text to the corresponding item below:

A. COURSE DESCRIPTION (100 words or less).
Geog 322 Mountains (4)
The mountain environments of the world with emphasis on the Pacific Northwest. The primary focus is on an understanding of the processes and features of the alpine environment. This includes landforms, weather and climate, vegetation, animal life, soils, and the human occupation of mountains. Prerequisite: upper-division standing.

B. COURSE DEVELOPMENT. Please indicate whether the course is based on an existing course (and if so, please specify), or is a new course in development. If the course is a revision of an existing course, please explain what form the revision will take (this may be addressed under item C).
Note: Please be aware that the new General Education requirement is based on different premises from the former "distribution" requirement, and therefore the academic role of upper division courses in General Education will necessarily be different from the previous role.

Dr. Keith Hadley, a new faculty member in Geography, will be teaching this course and making adaptations for the Cluster.

C. GENERAL EDUCATION GOALS. Please describe how your pedagogical goals for the course promote the University's goals of General Education as adopted by the Faculty Senate. Please review the relevant sections of the General Education Working Group Report (the document adopted by the Senate in 1993) or the September 16, 1994, report of the General Education Committee (both documents are available in the Office of University Studies, 245 CH). Applicants are reminded that the upper division courses are expected to focus on program goals related to Human Experience and Ethical Issues & Social Responsibility, while continuing to build on the Inquiry and Communication program goals. Course instructors should use active learning strategies and challenge students to display increasingly sophisticated research and communication abilities. Examples of strategies for each of the General Education program goals are listed in the General Education Working Group Report and the report of the General Education Committee. Attention should also be given to how this course functions in tandem with other courses in the cluster in working toward curricular integration within the cluster.
Colleagues are also reminded that upper division UNST courses are a replacement of the former distribution requirement for coursework in the Arts and Letters, Sciences, and Social Sciences. The Committee therefore anticipates upper division courses with scholarly content of the highest standard, consistent with the content level of the "distribution" courses under the previous General Education requirement, and befitting the University's core undergraduate curriculum.

This course primarily deals with Goals 3 & 4. Our use of the mountain environment has a major impact on the processes and life ecosystems of the mountains. Mountains are a very delicate balanced environments with plants and animals at their limits. Changes in the global environment, such as global warming will have drastic impacts in the alpine environments. The aesthetic beauty of the mountains, as well as man's moving higher into the hills are factors to be considered in development. Goal 4, Ethical Issues and Social responsibility must be considered when looking at the mountain environment. What we do here at Sea Level has a major impact on the mountainous terrain.

D. COURSE OUTLINE. Please provide a detailed outline of the proposed course. This need not be a completed syllabus, but should include an outline of topics, a preliminary reading list, and the name(s) of instructor(s) committed to teaching the course during its first year.

This course will be taught by Keith hadley.


What is a Mountain?
Attitudes Toward Mountains.
Origin of Mountains
Mountain Climate
Snow, Glaciers & Avalanches
Landforms and Geomorphic Processes
Mountain Soils
Mountain Vegetation
Wildlife
Implications for Man
Agricultural Settlement and Land Use
Human Impact on Mountain Environments