

Geology

What we are doing to our environment

Mineral Resources and the Environment GEOL 321

By LEE SIEGEL
Of the Emerald

A course highly relevant to the present energy crisis will be offered for students with little scientific background by the geology department winter term. The course is Geology 321, "Mineral Resources and the Environment."

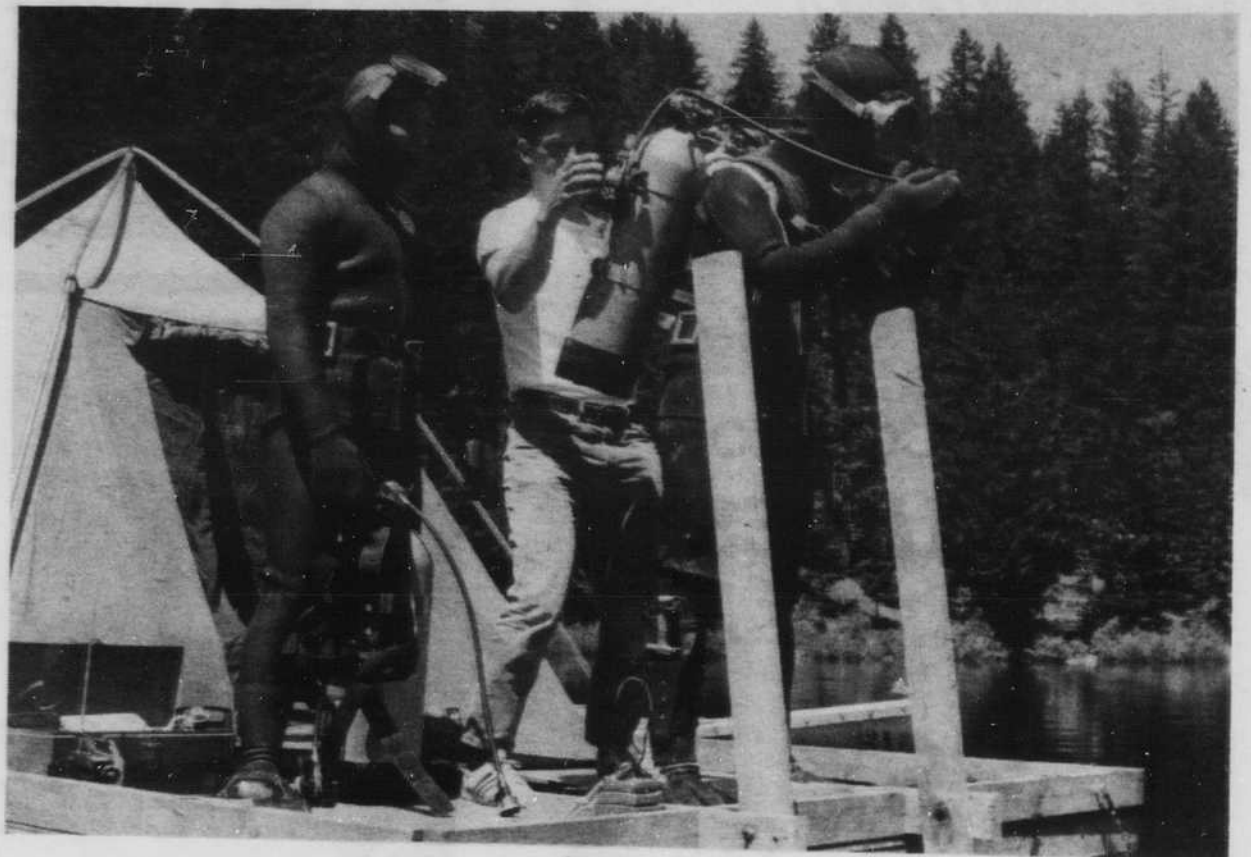
"The basic requirement of this course is a commitment to learning about the environment and the impact of man's activities on the environment," says Gordon Goles, who will teach the course. Goles is a professor of geology and chemistry, and is director of the University's Center for Volcanology.

Students in the course will be asked to do studies of "topical and regional problems" such as the probable impacts of nuclear power in the Pacific Northwest, the possible use of solar power for domestic heating in the Willamette Valley and the problems involved in utilizing wood as a renewable resource.

The course grade will depend almost entirely on these studies, which Goles sees as "a series of short white papers written by students." Goles foresees no tests.

The general subject matter will be the sources and uses of energy and the manner by which man's activities affect the overall world energy budget.

Goles said that some of the studies done by students in the course last year and by their professor, William Holser, may be published in Science magazine soon. The studies concerned the true energy costs of things used by consumers such as automobiles, housing and even water for domestic use.



Field trips, too

Study the world's oceans, seas

Oceanography
GEOL 353

By TORRIE McALLISTER
Of the Emerald

"Oceanography" will provide an introduction to physical, chemical and biological processes of the world's oceans for students interested in marine

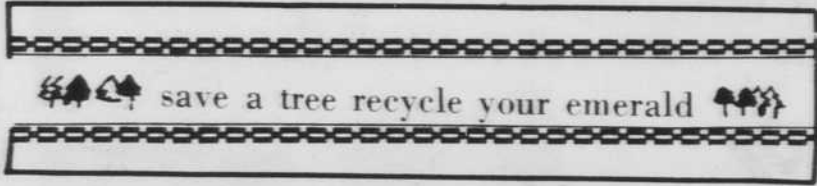
geology. Previous science courses are not required.

The course, taught by Ewart Baldwin, professor of geology, will focus on the history and geography of oceans. Marine geologists have discovered that all present ocean floors are new compared to most of the rocks of the continents. Of course "new," geologically speaking, means

rocks that have formed in the last 100 million years instead of a billion years ago. The Red Sea between Arabia and Egypt is very actively spreading right now and is a developing ocean.

The course will be divided into two lectures a week and a discussion section. Discussions will be held at seven different


(Continued on Page 13)



Tap your feet and rattle your brain to the sounds
of **FOOL'S GOLD**
just in from San Francisco
they'll be rompin' and stompin'
for your entertainment
January 2 - 13
at
the Down Beat
959 Pearl
Eugene
closed Mondays




price tags on text books
bugging your eyes out?



Used text books are a special feature at the Book Fair,
including encyclopedias, Shakespeare plays, and
other delights.

ALSO: Fine Arts prints \$2 and under, come see!

THE BOOK FAIR
14th & Oak
Eugene, Oregon
closed Sunday and Monday



THE BUY & SELL CENTER

724 WILLAMETTE
EUGENE, OREGON

WE BUY, SELL, HAGGLE & CONSIGN
...SO COME ON BY... WE SELL & WILL BUY...
...MUSICAL INSTRUMENTS... TOOLS...
...SPORTING GOODS... STEREOS... TAPE DECKS...
...PHOTOGRAPHIC EQUIPMENT... ETC... ETC...