

Summer class to study Cascade volcanoes

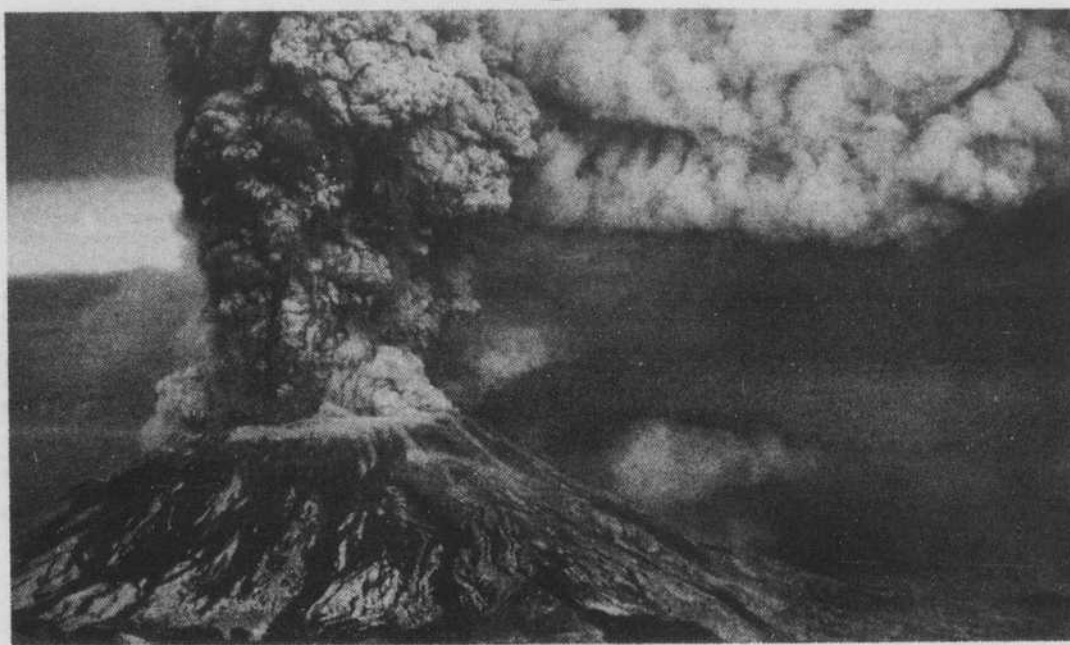
By PETER RACY
For the Emerald

The eruption of Mount St. Helens couldn't have come at a better time for the University's geology department — the department is offering a four-week summer course called "Volcanoes and Earthquakes."

Course instructor Shirley Rawson says the class will focus on Mount St. Helens and other volcanoes of the Cascade Range. But the course was not created because of Mount St. Helens' activities — it has been offered in previous terms.

The course, which runs from July 14 to Aug. 8, will examine volcanic processes, earthquakes and the hazards of living in areas of strong earthquake activity. The class also will take a field trip to a 2,000-year-old volcanic field at the crest of the McKenzie Pass and to the lava caves near Bend.

"The Willamette Valley is in the shadow of a volcanic region," Rawson says. The Cascade Mountains, includ-



AP Laserphoto

Mount St. Helens, shown here in its May 18 eruption, will undoubtedly play a large part in the geology department's "Volcanoes and Earthquakes" course this summer.

ing Oregon's Three Sisters and Mount Hood, are this "shadow." The Cascade Range stretches from Mount Lassen in

northern California to Mount Baker in northern Washington.

Although lava eruptions in the Cas-

cade Range present no real danger, the Willamette Valley could receive ash fallouts, gaseous emissions and mud flows, Rawson says.

In the event of lava eruptions, people could evacuate an area quickly, she adds.

Rawson says the lava of the Cascade Range is "slow moving" as opposed to the "fluid" magma of Hawaiian volcanoes. "It's like the difference between molasses and water."

In addition, earthquakes and volcanic activity are closely related, she says, explaining that Oregon lacks the strong tremors and other earthquake activity that tend to precede volcanic activity. But when seismographs record small, localized tremors in the Cascades "you know there's magma moving inside a volcano."

Rawson says scientists cannot pinpoint the exact day, week or year when volcanic activity will occur because the earth is more than four billion years old, and "in geologic time, days and years are a drop in the bucket."

State board considers center for volcanic ash study

BY SALLY HODGKINSON
of the Emerald

The ash fallout from Mount St. Helens that has coated Portland for weeks may get its own study center at the University of Oregon Health Sciences Center in that city.

The State Board of Higher Education partially cleared the way for the establishment of a multimillion-dollar UOHSC center to study the health effects of ash fallout during a meeting held Friday at the University.

The Center for the Study of the Biological Effects of Volcanic Ash was endorsed by

board members with one condition — the center is funded by federal or foundation sources, not state tax money.

Sen. Mark Hatfield, R-Ore., is supporting a bill in Congress that provides \$150,000 for planning the UOHSC study center. UOHSC Pres. Leonard Laster said further appropriations could total about \$1 million per year for the center to study the long-term biological effects of volcanic ash.

In other business, the board's finance committee approved a 13-percent salary increase for state system faculty members and a \$6 million expansion and

remodeling plan for the University's architecture and allied arts school.

The 13-percent academic salary adjustment is an attempt to bring faculty salaries up to the level of other state employees. The "parity" increase would be added to other salary increases approved by the 1981 Legislature for the 1981-83 biennium.

Bill Lemman, vice chancellor for administration, said the 13-percent figure is a conservative estimate of how much faculty salaries are behind other state employee salaries. One

study shows faculty pay increases dropped 35 percent behind increases for other state employees from 1970-79.

The architecture and allied arts school project will top the list of higher education building projects in the 1981 Legislature.

The proposal is the first of a two-phase plan to enlarge and renovate the school. Phase one, scheduled to begin in 1981 if the Legislature allocates the funds, includes extensive remodeling throughout Lawrence Hall, the construction of two new buildings across the Millrace and additions to three art buildings

in the north campus area.

Phase two includes additional construction in the north campus area and an expanded architecture and art library. The board won't seek funding for the second phase for another four to 10 years.

The full board will take final action on the committee recommendations at its July meeting in Klamath Falls. The board also will consider the University's 1980-81 incidental fee rate and a proposal that allows university presidents the option of separating an athletic fee from regular incidental fees.

Eugene seeks host families for 40 visitors

Eugene's Sister City Association is seeking host families for 20 vacationers and 20 business and professional people from Kakegawa, Japan, on the nights of July 19-23.

The visitors from Eugene's sister city will arrive in Eugene on July 19. Persons interested in hosting should contact Ruth Thompson at 344-2583 or Louis Farnsworth at 687-8531.

In addition, 60 Japanese adults and students will visit Eugene July 26 through August 15 as part of a cultural exchange summer program sponsored by the International Youth Association of Japan.

For more information call Jean Paul at 485-2672.

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