

Study complex opens Thursday

Phase one is financed by \$1.1 million from the sale of university property at 75th and Adams streets. Peo said the animal science department is expected to have its livestock moved from the property by July 1 of this year.

The swine research complex at East Campus is 30 years old, Peo said. The new complex will provide areas for research in swine breeding, nutrition, reproductive physiology and management.

The field lab is located six miles east of the Highway 63 and 77 intersection north of Lincoln. Peo said signs will be placed along the highway to direct visitors.



will become more active during second semester
Daily Nebraskan opens an East Campus bureau.

Nobel winner to talk on corn at East Union

The secrets of corn will be unfolded Tuesday on East Campus by a Nobel Prize-winning researcher.

Wahoo native George Beadle, who won the prize in 1958 for work in physiology and medicine, will speak on "The Mystery of Maize" at 3:30 p.m. in the Prairie Suite in the East Union.

Beadle's visit will be sponsored by Sigma Xi scientific honorary, the UNL Agronomy Department and the University Research Council, according to Francis Haskins, a UNL agronomy professor.

Haskins said the address will cover genetic, biochemical and anthropological aspects of corn. The lecture is open to the public.

Beadle received his bachelor's of science degree from the University of Nebraska in 1927 and a doctorate in philosophy from Cornell University in 1931. He was President of the University of Chicago for seven years and chairman of the biology department at Stanford University and the California Institute of Technology for 14 years.

He also was president of the Chicago Horticultural Society and director of the Institute of Biomedical Research of the American Medical Association.

Beadle's research has been in genetics, cytology and the origin of Indian corn, genetics and development of the fruit fly *drosophila* and biochemical genetics of the bread mold *neurospora*.

Institute wants international recognition

The vice-chancellor of the UNL Institute of Agriculture and Natural Resources says he wants the institute recognized as an international leader in agricultural research.

Vice Chancellor Martin Massengale said salaries must be improved to attract and hold quality faculty members. Buildings and other facilities also must be expanded and improved, he said.

Increased funding will be necessary to compensate for inflation in the coming years to keep the institute growing.

The institute is counting on money from the University of Nebraska Foundation and Agricultural Alumni Association fund drives because state funds will not be adequate to pay for the growth.

Institute faculty members are also being encouraged to seek research grants from private industry, Massengale said.

A six-year capital construction plan has been approved by the NU Board of Regents and is awaiting financing from the Nebraska Legislature, he said.

The plans include remodeling of the Agricultural Engineering Building, the former Veterinary Science, Plant Industry and Agricultural Communications buildings and Filley and Agricultural halls. Massengale said he hopes to complete ani-

mal science facilities.

In the future, but not in the six-year plan, are new buildings to house Natural Resources and Academic Services departments.

Continued agricultural progress is necessary to feed a growing world population, Massengale said. He noted the world's population is expected to reach 6.5 to eight billion by 2000 and predicted ag production would have to increase 50 per cent to feed it.

Massengale said he foresees a shortage of scientists, bankers and businessmen in agriculture.

"Right now we are not meeting demands," he said adding the university could place many more graduates in agriculture related positions.

Current surpluses of food in the U.S. should not cause a decrease in research and production. At this time the world has only a 40- to 50-day food supply, he said.

"There is a thin line between surplus and starvation," Massengale said.

Massengale predicted that Nebraska will enjoy an increasingly important position among the world's food producers. There are good farmers, soil and enough water and other resources to insure increased production, he said.



Martin Massengale, Vice Chancellor
Institute of Agriculture and Natural
Resources

New ag courses meet industry ideas

In response to agriculture industry suggestions the College of Agriculture is offering a number of new courses, according to the college dean.

Dean T.E. Hartung said changes in the college's internal structure necessitated other changes in course offerings. The poultry science department was combined with Animal Science, he said, and wildlife management was combined with forestry and related studies. Formerly Wildlife Management and Poultry Science shared quarters and staff.

Among the new courses is Animal Science 315, which Department Chairman Irvin Omtvedt said will trace meat production from the packer to the consumer. In the past, courses emphasized livestock production and slaughter, he said. The change reflects UNL's role as a leader in meat product research, he added.

Agriculture 200, taught by Coordinator of Environmental Programs Roger Gold, will satisfy state and federal requirements for certification of private applicators of restricted pesticides.

According to a course outline prepared

by Dolg, the Introduction to Pesticides class will provide an overview of pesticides and alternatives to their use.

Elvis Dickason entomology department chairman said his department's course number 309 will provide career experience through summer internships with government, teaching, research, business or industry employers.

"The objective is to give students experience under supervision to draw on their classroom experience," he said.

Students will be required to find their own employers and faculty advisors, with whom they will make an agreement on what they plan to accomplish, Dickason said.

Nursery Management, offered by the horticulture department, will reinforce laboratory work with field trips to commercial nurseries, according to department chairman Roger Uhlinger.

Horticulture 362 will look at selling and advertising nursery products, nursery design for customer traffic and protection of nursery stock from winter and summer weather stress.

Mary Quinn, water resources specialist with the Water Resources Research Institute, will offer a hydrogeography course crosslisted as Geography and Natural Resources 281.

She noted the course was incorrectly identified as Environmental Quality in the schedule of classes for the spring semester.

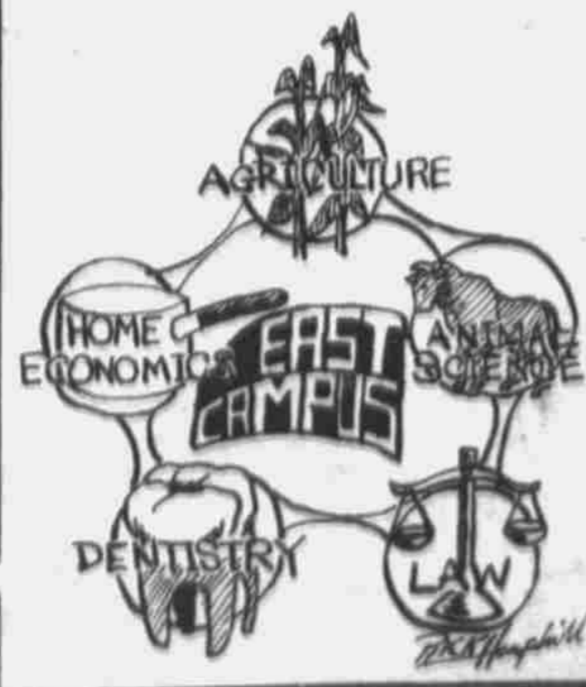
She said the class will study the earth and man as they relate to water, specifically rivers and lakes. The approach of the class will be scientific, cultural and historical, she said, and will include study of the development of federal water agencies.

Agriculture 201, Introduction to Biometry, is intended to help students "cope with the information explosion," according to Wilfred Schutz, head of the Statistical Laboratory.

It will be difficult to add new courses in the future, Hartung said, because of the Agriculture College Enrollment.

He said there may be a slow down or even a moratorium on new courses in the future until more members are added to the faculty.

Hours are set for new office



The Daily Nebraskan has opened an office in the East Campus Union to better serve the East Campus community.

The office is located on the second floor of the Union in the Activities Suite. Office hours will be from 8 a.m. to 5 p.m. weekdays.

Classified ads may be placed from 8 a.m. to 12 noon. The Daily Nebraskan has four reporters assigned to the office under the direction of the East Campus bureau chief.

The office is opened for the convenience of the East campus community, to increase communication, and to allow the Daily Nebraskan to bring East Campus news to the rest of the campus and the state.