

Grad College 'Least Known, Understood'

By Nancy Henrickson
Junior Staff Writer

Graduate education is the peak of the student's educational effort. Today at the University of Nebraska, 1804 students are enrolled in the Graduate College.

The Graduate College is one of the least known and the least understood of the University's academic programs. Merk Hobson, dean of Graduate College, said. Since its organization in 1896, and initial enrollment of 68 students, there has been a definite shift in the direction of more graduate students.

Almost one-third of all degrees earned last year were in the graduate and professional colleges. One hundred sixty-five Ph.D. degrees, 423 Masters degrees, 76 M.D. degrees, 29 D.D.S. degrees, 42 Juris Doctor degrees and 1744 baccalaureate degrees were granted.

Students applying for the Master or Doctor of Education degree are enrolled through Teachers College. Actually the total number of students doing graduate work is 2900, which includes 496 graduate students in Teachers College.

Application into graduate school is made to the graduate committee in the department in which the student

wishes to study. The committee makes its evaluation and decision on the basis of the student's past record and recommendations.

Students from abroad are asked to take the Graduate Record Exam in their own country. American students are recommended to take the exam; however, the graduate committee does not insist that it be taken upon application.

Individual departments may require special exams. A proficiency exam may be taken at initial enrollment as a placement device.

After being admitted into graduate college, the student works toward the requirements for the degree in which he is interested. Requirements for graduate degrees vary in the different departments.

In general there are three options a graduate can choose to follow. These usually require two semesters and one summer school of effort. Some designated Master degrees require more than this.

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One option for a graduate is to complete a minimum of 30 semester credit hours, six of which are devoted to a thesis. Or a student can take a minimum of 36 semester credit hours and complete a minor. Over half of these hours must be exclusively

graduate courses at the 300 level.

A third option is designed for students who want to go on to get the doctorate degree. Generally one-in-three Masters degree graduates do continue. There is much variation among the departments. For example, in the psychology department all students go on for the Ph. D. degree.

All Masters degree candidates must take an oral exam. The purpose of the oral exam is for the student to defend his thesis if he has written one, and to test his general knowledge in the area in which he has studied.

Each graduate student has his own examining committee. The committee members are recommended by the department and appointed by the Graduate College. Dean Hobson said the college has tried to maintain a constant standard of excellence during the past years.

Ph. D. degree candidates have their own supervisory committee composed of five faculty members. The chairman of the committee is a professor in the student's major field and under whom he does research.

Graduate education is distinguished as the highest form of learning at the university. Very few graduate courses are offered at night and little graduate work is done by extension.



SAFETY ENGINEER SIMPSON . . . inspects everything on campus from swimming pools to radioactive material.

Safety Maintenance Concern Of Health Engineer Simpson

By Tone Victor
Junior Staff Writer

One man, Edward Simpson, is responsible for all health and safety precautions, investigating campus accidents, and keeping records of the use of radioactive materials for the University.

Simpson is the public health engineer who has been responsible for the maintenance of environmental health at the University since 1957.

As an inspector, he checks such varied things as fraternity houses, campus kitchens, fire extinguishers, lighting and heating systems, and swimming pools. It is his job to make sure that all the facilities on campus meet the Environmental Health Code of the University.

"I check all accidents that come through Student Health," Simpson said. "Active students, rushing to and from classes and those engaged in intramural sports keep my desk stocked with minor injury reports. Intramural football has the highest rate of accidents, with basketball running a close second."

He thought that falls caused the most accidents in winter. Most of these accidents do not require investigation, but Simpson stated that if an accident is due to faulty mechanism, other than a careless reflex, he will inspect the area.

Because of the rapid acceleration of research requiring the use of radioactive materials, Simpson's working day has changed radically in the past nine years.

"Just a few years ago I could make occasional checks where such material was being used. Today more than 30 per cent of my time is spent on it," he explained.

Simpson keeps a day-to-day account of the time University researchers are exposed to radiation, and the amount to which they are exposed. In 1957, only \$400 per year was budgeted for radiation film badges which measure the exposure, while \$2,200 was required in 1965.

According to Simpson, ra-

dioactive material is used in many ways at the University, particularly for tracer work. Agricultural scientists, for example, use it to measure the plant "uptake" of fertilizer. Chemists use it to trace chemical reactions with such isotopes as iodine 131, strontium 90 and carbon 14.

Higher energy sources such as radium 26, cobalt 60 and 137 are used at the College of Medicine for the arresting of cancer and for electrotherapy.

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"University scientists exercise extreme care when they use such materials," he said. "Periodically, however, my

measuring equipment detects a venting hood with a background count higher than we like it, and occasionally someone has an accident where the material is spilled or dropped," he said. "In these cases we simply decontaminate the area."

With the advent of such large quantities of radioactive materials, Simpson's work has almost been doubled. He said the University plans to hire a health physicist to take over the radiation problems.

Simpson has a BA in chemical engineering from the University of Missouri.

Grades

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But no matter what the system is, you'll still be in the same percentage group, whether you rank in the middle or above average," Curt Nelson, scholastic chairman of Abel Hall said.

Freshman women on scholastic probation will have earlier hours during the week after official grade reports are out. Until then all second semester freshman women have 10:30 p.m. hours Monday through Thursday. Those on scholastic probation will be notified when the grades

are known and they will have 10 p.m. hours.

No other scholastic restrictions are placed on students living in the dorms. In order to hold office in the dorm the student must have a 2.0 average. This is the same ruling that applies to all student activities.

Miss Mary Holman, residence director of Pound Hall, said, "The students on scholastic probation are encouraged to have tutors and special help from the scholastic chairman on each floor."

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Karen Hastings from Alpha Delta Pi sorority said, "It looks as if grades are better this semester, but I would say that while the lower students seem to be getting better grades, it has been harder for the better students to get the really top grades."

Lynn Overholt said, "The grades are higher at the Pi Beta Phi house, but they may not look higher due to the new grading system."

She noted that the new system had worked both ways however. Miss Overholt said

Oregon Senator To Talk Saturday

Senator Wayne Morse will speak on "A Critical Look at U.S. Foreign Policy" Saturday at St. Paul Methodist Church at 8 p.m.

The Democratic senator from Oregon is a member of the Senate Foreign Relations committee and will discuss our Vietnam and Dominican Republic policies.

Honorary Plans National Meeting

Nebraska chapter of Chi Epsilon, national civil engineering honorary fraternity, will be host to the national convocation Feb. 17-19. The engineers will hold meetings and conferences at the Nebraska Center.

that more pledges this semester had made the required average in comparison to last year.

The scholarship chairman for Kappa Delta said that though all the grades were not in, the results looked very encouraging so far. She also stated that either the grades were very good or below average. Most pledges have made the average in the house.

Panhellenic rulings state that in order for a girl to be activated in a sorority, she must earn a 2.0 grade average and cannot have failed a subject during the semester.

A sorority pledge has two semesters to make the average. If a girl has not met the requirements after two semesters she is automatically deplored in accordance with Panhellenic code. The girl will again be eligible for repledging after an intermittent semester if she has a 2.0 average.

Specht Receives \$500 Scholarship

A University student from Lyman has been named the first recipient of a newly-established scholarship.

James E. Specht, 20, was chosen by the scholarship committee of the College of Agriculture and Home Economics to receive the \$500 award from the American Agricultural Chemical Company (subsidiary of Continental Oil Co.) Scholarship Fund.

According to Dr. L. K. Crowe, chairman of the committee, the scholarship will be awarded annually to a sophomore, junior, or senior in the College of Agriculture and Home Economics.

Any regularly enrolled student with good moral character, who shows promise of leadership and academic ability and is worthy of financial assistance, may be chosen. Crowe said, although preference will be given to students majoring in the area of plant science.



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Average For Activities Given; 2.0 Needed

Minimum grade averages necessary to participate in campus activities have been re-evaluated as a result of the advent of a new grading scale. Students must now maintain a 2.0 grade average on the 4-point scale in order to actively participate in activities.

Active participation is defined as taking part in an organization as an officer, its king or queen candidate, or participation on a student publication, according to the activities office.

One may still be a member of the organization even though he does not maintain the minimum grade average.

Mrs. Jean Register, student activities adviser, stated that checking on a member's grades is the responsibility of the group to which he belongs. "The procedure for an eligi-

bility check can be found in the Campus Handbook," explained Mrs. Register. "It is for the group's own benefit that we require the grade checks."

If a student is declared ineligible, he can appeal the ruling to Dean Ross, providing he believes his ineligibility is caused by unusual circumstances.

The grade average for eligibility in athletics is different. For an athlete who has earned under sixty credit hours, the minimum average is 1.6. For those over sixty-one hours, the average is 1.8, according to the athletic department.

The minimum athletic grade averages are set by the National Collegiate Athletic Association and the Big Eight Conference and are not subject to exceptions.

Men Flunk Finals, Pass Pins, Rings

University men may have flunked their finals, but they sure passed their pins and rings.

PINNINGS
Margie Hutchinson, Alpha Xi Delta sophomore in home economics from Lincoln, to Larry Engelkemier, Alpha Gamma Rho senior in agriculture from Murray.

Janet Christensen, Alpha Delta Pi junior in Teachers from Lincoln, to Mike Connors, Theta Xi junior in civil engineering from Lincoln.

Joline Rieder, Chi Omega sophomore in Teachers from Lincoln, to Keith Snor, Sigma Nu sophomore in pre-law from Lincoln.

ENGAGEMENTS
Marilyn Carlton, Alpha Delta Pi junior in Teachers from Lincoln, to Ralph Williams from Scottsbluff.

Judy Ostiguy, Kappa Delta senior in Teachers from Western, to Ron Griesse, 1964

graduate in agriculture from Kearney.

Mary Lynn Schwenker, Chi Omega senior in Teachers from Ogallala, to Larry Callen from Ogallala.

Mary McBride, Chi Omega freshman from Hastings, to Scott Breeden from Ames, Ia.

Vicki Falmien, Pound freshman in Arts and Sciences from Phillips, to Eldon Purdy, Alpha Gamma Sigma freshman in agricultural economics from Phillips.

Linda Carstens, junior in business administration from Beatrice, to Larry Bird, junior in law College from Beatrice.

Judy Hall, sophomore in Teachers from Coleridge, to Steve Ottmann, sophomore in business administration from Omaha.

Vicky Norriss, sophomore in Teachers from West Point, to Bob Nebuda, sophomore in engineering from West Point.

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