

High School Graduates Enter NU Early

By Nancy Whitford
 The University has begun to encourage high school students to attend summer school immediately after graduation.

Summer school director Frank Sorenson said the new emphasis this summer on obtaining college education early has been made possible by an intensified counseling program to aid students who:

- Qualify for advanced placement;
- Expect to go beyond the bachelors degree;
- Wish to reduce their time in college;
- Ranked scholastically low in high school;
- Have insufficient preparation in subjects required for admission to a particular course of study.

Prior to this year the University had discouraged high school students from attending summer sessions although the facilities were available to the handful of 10-20 determined to participate each year.

Guidance service
 Sorenson said the counseling program gives summer students the same type of guidance as fall enrollees, thus eliminating the objections that the students do not have time to become adapted to college and that the University does not have time to plan as carefully for them.

The guidance program makes it operationally possible to integrate the high

school students into the more mature level of campus learning at an earlier date, according to Sorenson, but the mechanical transition is underscored with plans for the future.

Sorenson said the administration "knows there will be a bulge ahead and wants to take advantage of idle buildings and staff during the summer months."

"Students used to be busy during the summer," he said, "but they too are beginning to realize they want to hasten the day of graduation."

"Education is the best route to better jobs. It enables the student to take a more responsible position in his community, and the accelerated program is especially vital to the nation as a whole as America moves into the complexities of the space age," he said.

Useful Program
 Chancellor Clifford Hardin endorsed the program saying it "will be useful to several different groups of students during the transition from high school to college."

These groups would include students who can qualify for advanced placement, especially in mathematics and physics, who may complete a freshman sequence in one subject and continue the subject at the sophomore level in the fall.

Early planners who start college during the summer will also find it possible to earn a Bachelor's degree

within three years after high school graduation and thus begin graduate or professional work a year sooner.

Another group, students taking five year courses such as engineering and architecture, will be able to complete the course in four years with the aid of summer school.

A small number of high school juniors who show special promise will also have the opportunity for further chal-

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lenge by taking summer courses before returning for their senior year, according to deputy registrar Fred Nicolai.

Nicolai said the talented juniors must have their parents approval and the recommendation of the high school superintendent.

"This is not a 'prestige' program or a program for students who have nothing else to do in the summer," Nicolai said. "These students must show definite ability and must have taken all the high school level courses available in the desired area of study."

Trial Program
 A willing student graduating from the lower one-fourth of his high school class, on the other hand will be able to participate in a trial program designed to discover his capabilities.

Sorenson said this student will be limited to registration in English B—an elementary course in English composition, and in mathematics 12—a course in intermediate algebra, for a combined total of four semester hours of credit.

Each subject will be taught on a double-period basis with the student attending the regular daily classes in English and mathematics plus an additional supervised session for individual teaching and assistance.

Sorenson added, however,

the program is not intended as a sub-college course of study.

Indicating the value of the program, Sorenson said, "the student will be risking considerably less cost in time and money to determine his true college capabilities and to discover if he is one of the few who is able to improve his scholastic efficiency to meet college standards."

At present, approximately one out of ten students in this category will be graduated from a good college or university, he estimated.

Remove Deficiencies
 Sorenson said it is also advantageous for students with academic deficiencies to make up work during the summer sessions in order to compete more successfully with other students during the fall term.

High schoolers who intend to enter the College of Engineering and Architecture and are not qualified for mathematics 14 (advanced algebra and trigonometry) will be able to study a preparatory course (mathematics 12) during the summer.

Students in architecture who have not had high school chemistry may take a summer course in beginning chemistry.

Graduating seniors are not placed in "special classes" by themselves although each dean recommends areas of study which he feels will be especially helpful to the early starter within his college.

Charles S. Miller, Dean of the College of Business Administration, tells the beginning summer student to take a basic course in math and English as well as beginning courses in accounting and economics.

Students in Agriculture are urged by Dean Elvin F. Frolik to take freshman courses in English and mathematics as most of the ag courses are on the graduate level during the summer.

Dean of the College of Arts and Sciences Walter E. Milltzer recommends courses which will apply to group requirements in English, humanities, social science, mathematics, natural sciences and languages.

Mathematics courses are stressed by Assistant Dean of the College of Engineering and Architecture James S. Blackman. Blackman said advanced students should register for math 18 and students

with deficiencies, math 12.

Dean Walter Beggs said high school students will have the opportunity "to adjust to the University environment while taking two or three of the regular courses offered for freshmen in Teachers College."

Financial Advantages
 Sorenson said the summer program offers financial as well as academic advantages.

"If a student were to work each summer after high school graduation and save \$500-\$700 per summer, his total savings over four years would still be only half of the \$4,500-\$5,500 he could earn during the added year of work gained by graduating early."

"And there is still time for plenty of vacation in August," Sorenson said.

For the first time this year, \$45 scholarships were available to high school students attending summer school according to Dr. Aubrey Forrest, director of scholarships and financial aids. At present, no scholarships are available to upperclass students taking summer work, however.

Loans up to a maximum of \$200-\$400 will be available to high schoolers who intend to enroll as full-time students in the fall, show a definite financial need and possess the qualifications required to apply for scholarships.

Forrest said the scholarship office also serves as a clearing agency for student employment, both on-campus and off-campus.

Math Professor Presents Lectures

Professor Kurt A. Hirsch, visiting professor of Mathematics at Washington University in St. Louis, Mo., will present two lectures on the Nebraska campus tomorrow.

Hirsch, who holds the mathematics chair at the University of London, will discuss "Torsion-Free Abelian Groups" at a mathematics colloquium at 3 p.m. in 108 Burnett. His second lecture, "The Life of Felix Klein," will be presented at 7:30 p.m. in 108 Burnett.

Hirsch holds a Doctor of Philosophy degree from the University of Berlin. His lectures are being sponsored by the University Research Council and the National Science Foundation Mathematics Institute.



TV Classroom Originates at NU

An Omaha television station, KETV, will broadcast 7½ hours of classroom instruction each week next fall. The programs will originate in KUON-TV studios at the University and will broadcast simultaneously over the two stations.

Eight school systems will use the facilities for 10,000 students in 300 classrooms. These schools include Omaha Westside, Ralston, Gretna, Nebraska City, Waverly, Syracuse, Elk Creek and Douglas.

The 14 programs that will be broadcast each week include third and fourth grade arithmetic, fifth and sixth grade science, seventh and eighth grade social studies and fourth and fifth grade French. A sophomore college course in introductory education will also be offered twice a week.

The programs will be broadcast each day, 8-9:30 a.m.

Swimming Opens At Coliseum Pool

The Coliseum swimming pool will be available to women students 4-5 p.m., Monday through Friday during the summer session. The program is sponsored by the Department of Physical Education for Women.

Swimmers must bring their own bathing caps, but suits and towels are provided for a 10 cent fee. A swimming permit from the Student Health Center is required.

Enrollment May Reach 9,000 in Fall

With activity of summer classes underway and registration nearly completed, University officials turned to anticipating enrollment next fall.

The registrars office reports that already signed enrollment applications from potential freshmen exceed the 2,502 freshmen who entered the University last September. They anticipate total University enrollment to exceed 9,000.

Last year total enrollment in the University was 8,703, an increase of 292 from the previous year.

Registrar Floyd Hoover said, however, that comparisons cannot really be made with last year since the University did not use the early enrollment system as extensively as they have this year. Hoover anticipated that there would be a "sharp decline" in the number of applications received by the University from now on, however.

Summer Nebraskan

The Summer Nebraskan is the official publication of the University of Nebraska Summer sessions and is published under the sponsorship of the School of Journalism. The newspaper is published every Tuesday during the summer session except on holidays and exam periods.

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